MARCH 25, 1938 NUMBER ~~329~~ 330

THE UNIVERSITY OF NORTH CAROLINA RECORD

THE GENERAL CATALOGUE

CATALOGUE ISSUE
1937-1938

Announcements for the Session
1938-1939

THE UNINERSITY OF NORTH CAROLINA PRESS
ISSUED 12 TIMES A YEAR AS FOLLOWS: 4 NUMBERS IN FEBRUARY, 3 NUMBERS
IN MARCH, 3 NUMBERS IN APRIL, 1 NUMBER EACH IN JUNE AND OCTOBER
ENTERED AS SECOND-CLASS MATTER AT THE POSTOFFICE AT
CHAPEL HILL, N. C.
UNDER THE ACT OF AUGUST 24, 1912

MARCH 25, 1938 NUMBER 329

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THE UNIVERSITY OF NORTH CAROLINA PRESS
CHAPEL HILL, N. C.

CALENDAR FOR 1938

JANUARY

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CALENDAR FOR 1939

JANUARY

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OCTOBER

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CATALOGUE OF EVENTS

SESSION, 1938-1939

1938	
June 5-7	*Sunday through Tuesday.* Commencement Exercises.
June 13-July 23	Summer Session. First Term.
July 25-August 31	Summer Session. Second Term.
Sept. 12-15	*Monday through Thursday.* Freshman Week and Registration.
Sept. 12	*Monday.* Entrance Examinations.
Sept. 12-13	*Monday and Tuesday.* Examinations to remove condition grades.
Sept. 14	*Wednesday.* Registration of Freshman and Transferring Students for the fall quarter.
Sept. 15	*Thursday.* Registration (all except Freshmen and Transferring Students) for the fall quarter.
Sept. 16	*Friday.* Class work for the fall quarter begins.
Oct. 12	*Wednesday.* University Day.
Nov. 23	*Wednesday.* Thanksgiving Recess begins (1:00 p. m.).
Nov. 28	*Monday.* Thanksgiving Recess ends (8:30 a. m.).
Dec. 8-17	*Thursday to 1 p. m. Saturday of following week.* Registration for winter quarter.
Dec. 13-17	*Tuesday through Saturday (1:00 p. m.).* Examinations for the fall quarter.
Dec. 17 (afternoon)- *Jan. 1, 1939*	Christmas Recess.
1939	
Jan. 2	*Monday.* Registration of new students.
Jan. 3	*Tuesday.* Class work for the winter quarter begins.
March 3-11	*Friday to 1:00 p. m. Saturday of following week.* Registration for the spring quarter.
March 7-11	*Tuesday through Saturday (1:00 p. m.).* Examinations for the winter quarter.
March 12-19	*Sunday through Sunday.* Spring Recess.
March 20	*Monday.* Registration of new students.
March 21	*Tuesday.* Class work for the spring quarter begins.
May 29-June 2	*Monday through Friday.* Examinations for the spring quarter.
June 4-6	*Sunday through Tuesday.* Commencement Exercises.

PART ONE—OFFICERS

TRUSTEES

CLYDE ROARK HOEY, GOVERNOR, President *ex officio* of the Board of Trustees.

CLYDE ATKINSON ERWIN, SUPERINTENDENT OF PUBLIC INSTRUCTION, member *ex officio* of the Board of Trustees.

HENRY MAUGER LONDON, Secretary of the Board.

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*1939

MRS. KATHARINE PENDLETON ARRINGTON	Warren
HERBERT DALTON BATEMAN	Wilson
COMMODORE THOMAS COUNCIL	Durham
BURTON CRAIGE	Forsyth
JOHN GILMER DAWSON	Lenoir
FRANK LEMUEL DUNLAP	Anson
JOSEPH McDOWELL GAMEWELL	Davidson
OLIVER MAX GARDNER	Cleveland
ALEXANDER HAWKINS GRAHAM	Orange
HARRY PERCY GRIER, JR.	Iredell
LUTHER THOMPSON HARTSELL	Cabarrus
JOHN WETMORE HINSDALE	Wake
GEORGE LAFAYETTE LYERLY	Catawba
ISAAC MELSON MEEKINS	Pasquotank
WILLIAM DANIEL MERRITT	Person
WALTER MURPHY	Rowan
HAYWOOD PARKER	Buncombe
REUBEN B. ROBERTSON	Haywood
HENRY MOORING ROBINS	Randolph
PETER BROWN RUFFIN	New Hanover
GEORGE STEPHENS	Buncombe
FRED ISLER SUTTON	Lenoir
CHARLES WHEDBEE	Perquimans
WILLIAM COLEMAN WOODARD	Nash
WILLIAM H. WOOLARD	Pitt

*1941

MISS ANNIE MOORE CHERRY	Halifax
HAYDEN CLEMENT	Rowan
JOSEPHUS DANIELS	Wake
CRAYON CORNELIUS EFIRD	Stanly

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* The legal term of office expires April 1st of the year indicated.

JOHN C. BLUCHER EHRINGHAUS	Wake
REUBEN OSCAR EVERETT	Durham
WILLIAM DOLLISON FAUCETTE	Halifax
RICHARD TILLMAN FOUNTAIN	Edgecombe
JONES FULLER	Durham
JAMES ALEXANDER GRAY	Forsyth
JUNIUS DANIEL GRIMES	Beaufort
WILLIAM TUCKER HANNAH	Haywood
REGINALD LEE HARRIS	Person
ROBERT EUGENE LITTLE	Anson
MRS. LILY C. MOREHEAD MEBANE	Rockingham
CAMERON MORRISON	Mecklenburg
HARRISS NEWMAN	New Hanover
CLARENCE POE	Wake
JULIAN HAWLEY POOLE	Moore
MISS EASDALE SHAW	Richmond
JAMES FRANKLIN SPRUILL	Davidson
MRS. MAY LOVELACE TOMLINSON	Guilford
IRVIN BURCHARD TUCKER	Columbus
JOHN KENYON WILSON	Pasquotank
GRAHAM WOODARD	Wilson

*1943

ALEXANDER BOYD ANDREWS	Wake
DUDLEY BAGLEY	Currituck
WALTER DORSEY BARBEE	Northampton
KEMP DAVIS BATTLE	Nash
JAMES ALBERT BRIDGER	Bladen
MRS. MINNIE MCIVER BROWN	Columbus
CHARLES FLETCHER CATES	Alamance
RICHARD THURMOND CHATHAM	Forsyth
WILLIAM GRIMES CLARK	Edgecombe
ARTHUR MILLS DIXON	Gaston
RUFUS ALEXANDER DOUGHTON	Alleghany
THOMAS CRAWFORD HOYLE, JR.	Guilford
ROBERT GRADY JOHNSON	Pender
ANDREW HALL JOHNSTON	Buncombe
CHARLES ANDREW JONAS	Lincoln
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KEMP BATTLE NIXON	Lincoln
JOHN JOHNSTON PARKER	Mecklenburg
RICHARD JOSHUA REYNOLDS	Forsyth

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* The legal term of office expires April 1st of the year indicated.

MISS LELIA STYRON	Craven
SAMUEL FARRIS TEAGUE	Wayne

*1945

†JOHN LELAND BECTON	New Hanover
SAMUEL MASTERS BLOUNT	Beaufort
VICTOR SILAS BRYANT	Durham
JOHN WASHINGTON CLARK	Randolph
MRS. LAURA WEILL CONE	Guilford
HENRY GROVES CONNOR, JR.	Wilson
ISAAC PETER DAVIS	Dare
CARL THOMAS DURHAM	Orange
RAYMOND ROWE EAGLE	Craven
JOHN BARTLETT FEARING	Bertie
ALONZO DILLARD FOLGER	Surry
GEORGE CHANCELLOR GREEN	Halifax
EDWIN CLARKE GREGORY	Rowan
JOHN SPRUNT HILL	Durham
HENRY LEWIS INGRAM	Randolph
BENJAMIN KITTRELL LASSITER	Granville
MRS. DAISY HANES LASSITER	Mecklenburg
HENRY MAUGER LONDON	Wake
GEORGE BASON MASON	Gaston
EDWIN PATE	Scotland
JAMES CARLTON PITTMAN	Lee
JOHN BENTON STACY	Rockingham
KENNETH SPENCER TANNER	Rutherford
LESLIE WEIL	Wayne
FRANCIS DONNELL WINSTON	Bertie

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CLYDE ROARK HOEY, *ex officio* Chairman
HENRY MAUGER LONDON, *ex officio* Secretary

‡1938: CHARLES WHEDBEE, WILLIAM D. FAUCETTE, LESLIE WEIL.
‡1940: JOHN SPRUNT HILL, WALTER MURPHY, JOHN J. PARKER.
‡1942: MRS. LAURA WEILL CONE, MISS EASDALE SHAW, HAYWOOD PARKER.
‡1944: JOSEPHUS DANIELS, CLARENCE POE, IRWIN B. TUCKER.

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* The legal term of office expires April 1st of the year indicated.
† Died 8 January, 1938.
‡ Term expires.

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(Office at Chapel Hill)

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Benjamin Franklin Brown
Zeno Payne Metcalf
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Harriet Wiseman Elliott
Cornelia Strong
James Albert Highsmith

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Julius Algernon Warren, *Treasurer and Bursar*

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William Whatley Pierson, Ph.D., *Dean of the Graduate School*
Maurice Taylor VanHecke, J.D., *Dean of the School of Law*
William deBerniere MacNider. M.D., Sc.D., LL.D., *Dean of the School of Medicine*
John Grover Beard, Ph.G., Ph.M., *Dean of the School of Pharmacy*
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Corydon Perry Spruill, A.B., B.Litt.(Oxon.), *Dean of the General College*
Susan Grey Akers, Ph.D., *Director of the School of Library Science*

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Edward McGowan Hedgpeth, A.B., M.D., *Assistant University Physician*

WILLIAM GARDNER MORGAN, A.B., M.D., *Assistant University Physician*
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GLADYS ANGEL BEARD, M.A., *Director of Physical Education for Women*
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EDWIN SIDNEY LANIER, *Self-Help Secretary*
ALFRED GUY IVEY, *Director of Graham Memorial*
ROBERT BAKER LAWSON, M.D., *Director of the Bynum Gymnasium*

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BEN HUSBANDS, A.B., *Associate Registrar*
GEORGE KENNETH GRANT HENRY, Ph.D., *Assistant Registrar*

The Central Office of Records

ISAAC CEBERN GRIFFIN, JR., M.A., *Director*
MISS JOSEPHINE PRITCHARD, *Recorder*

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JAMES ARTHUR BRANCH, *Assistant Supervisor of Purchases and Stores*
PETER LAFAYETTE BURCH, *Supervisor of Physical Plant*
KEMP SHIELDS CATE, *Accountant*
ERRETT FRANK COOLEY, *Manager, Univ. Cafeteria Dining Hall*
THOMAS HILTON EVANS, B.S., *General Cashier*
MRS. HELEN THOMAS GRIMES, A.B., *Loan Fund Cashier*
GEORGE MAURICE HILL, *Supervisor of Purchases and Stores and Personnel Officer*
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ARTHUR RUSSELL HOLLETT, S.M. in C.E., R.E., *Engineer*
JOHN WESLEY HUMPHRIES, *Superintendent of Laundry*
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ROBERT BINGHAM DOWNS, M.S., *Librarian*

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EDGAR RALPH RANKIN, A.M., *Head, Department of School Relations*
WILLIAM JOHN MCKEE, C.E., Ph.D., *Supervisor of Correspondence Instruction*
MISS MARY LOUISA COBB, A.B., *Head, Bureau of Correspondence Instruction*
MISS KATHLEEN WRIGHT, *Head, Bureau of Class Instruction*

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A.B., 1909 (North Carolina); M.A., 1916 (Columbia); LL.D. (Birmingham-Southern, Davidson, Duke); D.C.L. (Catawba); D.Litt. (Columbia).

Robert Burton House, A.M., *Dean of Administration.*
A.B., 1916 (North Carolina); A.M., 1917 (Harvard).

Henry Horace Williams, A.M., B.D., *Kenan Professor Emeritus of Philosophy.*
A.B., A.M., 1883 (North Carolina); B.D., 1888 (Yale).

Henry VanPeters Wilson, Ph.D., *Kenan Professor of Zoölogy.*
A.B., 1883, Ph.D., 1888 (Johns Hopkins).

Charles Staples Mangum, A.B., M.D., *Professor of Anatomy.*
A.B., 1891 (North Carolina); M.D., 1894 (Jefferson Medical College).

Marcus Cicero Stephens Noble, Pd.D., *Kenan Professor Emeritus of Pedagogy.*
Student, 1875-1876 (Davidson); Student, 1877-1879 (North Carolina); Pd.D. (Davidson).

Isaac Hall Manning, M.D., *Professor of Physiology.*
Student, 1882-1886 (North Carolina); M.D., 1897 (Long Island College of Medicine).

William deBerniere MacNider, M.D., Sc.D., LL.D., *Kenan Research Professor of Pharmacology and Dean of the School of Medicine.*
M.D., 1903 (North Carolina); Sc.D., (Medical Coll. of Va.); LL.D. (Davidson).

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B.S., 1894 (South Carolina); Ph.D., 1901 (Johns Hopkins); LL.D. (South Carolina).

Archibald Henderson, Ph.D., D.C.L., LL.D., Litt.D., *Kenan Professor of Mathematics.*
A.B., 1898, A.M., 1899, Ph.D., 1902 (North Carolina); Ph.D., 1915 (Chicago); D.C.L., (University of the South); LL.D. (Tulane, William and Mary); Litt.D., (Oglethorpe, Catawba).

Joseph Gregoire deRoulhac Hamilton, Ph.D., *Kenan Professor of American History and Political Science and Director of the Southern Collection.*
M.A., 1900 (University of the South); Ph.D., 1906 (Columbia).

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Ph.B., 1899 (North Carolina); Ph.D., 1906 (Johns Hopkins).

William Morton Dey, Ph.D., *Kenan Professor of the Romance Languages and Literatures.*
B.A., M.A., 1902 (Viginia); A.M., 1904, Ph.D., 1906 (Harvard).

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A.B., 1881, A.M., 1887, LL.D., (Davidson).

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A.B., 1890 (Beloit); A.M., 1897, Ph.D., 1900 (Harvard).

JAMES BELL BULLITT, A.M., M.D., *Professor of Pathology.*
A.B., 1894, A.M., 1895 (Washington and Lee); M.D., 1897 (Virginia).

THOMAS JAMES WILSON, JR., Ph.D., *Dean of Admissions, Registrar, and Secretary of the Faculty.*
A.B., 1894, A.M., 1896, Ph.D., 1898 (North Carolina).

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A.B., 1907 (Guilford); A.B., 1908 (Haverford); M.A., 1915 (Columbia).

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A.B., 1900 (Ohio Wesleyan); A.M., 1909 (Harvard); Litt.D. (North Dakota).

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Ph.G., 1909 (North Carolina); Ph.M., (Philadelphia College of Pharmacy).

JOHN EMERY LEAR, E.E., *Professor of Electrical Engineering.*
B.S. in E.E., 1901 (Virginia Polytechnic); E.E., 1909 (Texas Agricultural and Mechanical).

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A.B., 1909, A.M., 1911 (Trinity); Ph.D., 1913 (Columbia).

WILLIAM FREDERICK PROUTY, Ph.D., *Professor of Stratigraphic Geology.*
B.S., 1903, M.S., 1904 (Syracuse); Ph.D., 1906 (Johns Hopkins).

HOWARD WASHINGTON ODUM, Ph.D., LL.D., Litt.D., *Kenan Professor of Sociology.*
A.B., 1904 (Emory); A.M., 1906 (Mississippi); Ph.D., 1909 (Clark); Ph.D., 1910 (Columbia); LL.D. (Emory); Litt.D. (College of the Ozarks).

WILLIAM STANLEY BERNARD, A.M., *Professor of Greek.*
A.B., 1900, A.M., 1904 (North Carolina).

JOHN MANNING BOOKER, Ph.D., *Professor of English.*
A.B., 1901 (Johns Hopkins); Ph.D., 1912 (Heidelberg.)

THOMAS FELIX HICKERSON, A.M., S.B., *Professor of Structural Engineering.*
Ph.B., 1904, A.M., 1907 (North Carolina); S.B., 1909 (Massachusetts Institute of Technology.)

WILLIAM WHATLEY PIERSON, Ph.D., *Professor of History and Political Science and Dean of the Graduate School.*
A.B., 1910, A.M., 1911 (Alabama); A.M., 1912, Ph.D., 1916 (Columbia).

JOHN FREDERICK DASHIELL, Ph.D., *Kenan Professor of Psychology.*
B.S., 1908, B.L., 1909 (Evansville); A.M., 1910, Ph.D., 1913 (Columbia).

FRANCIS FOSTER BRADSHAW, Ph.D., *Dean of Students and Professor of Philosophy.*
A.B., 1916 (North Carolina); M.A., 1926, Ph.D., 1930 (Columbia).

STURGIS ELLENO LEAVITT, Ph.D., *Professor of Spanish.*
A.B., 1908 (Bowdoin); A.M., 1913, Ph.D., 1917 (Harvard).

KENT JAMES BROWN, Ph.D., *Professor of German.*
A.B., 1901 (Dickinson); Ph.D., 1905 (Pennsylvania).

ROBERT ERVIN COKER, Ph.D., *Professor of Zoölogy.*
S.B., 1896, A.M., 1897 (North Carolina); Ph.D., 1906 (Johns Hopkins).

GEORGE MCFARLAND MCKIE, A.M., *Professor of Public Speaking.*
Graduate, 1898 (Emerson College of Oratory); A.B., A.M., 1907 (North Carolina).

EARLE EWART PEACOCK, A.B., M.B.A., C.P.A., *Professor of Accounting.*
A.B., 1914 (Georgia); M.B.A., 1916 (Harvard); C.P.A., State of North Carolina.

HARRY WOLVEN CRANE, Ph.D., *Professor of Psychology.*
A.B., 1909, A.M., 1910, Ph.D., 1913 (Michigan).

ARTHUR MELVILLE JORDAN, Ph.D., *Professor of Educational Psychology.*
A.B., 1907 (Randolph-Macon); A.M., 1909 (Trinity); Ph.D., 1919 (Columbia).

JOHN WAYNE LASLEY, JR., Ph.D., *Professor of Pure Mathematics.*
A.B., 1910, A.M., 1911 (North Carolina); Ph.D., 1920 (Chicago).

ALLAN WILSON HOBBS, Ph.D., *Professor of Applied Mathematics and Dean of the College of Arts and Sciences.*
A.B., 1907 (Guilford); A.B., 1908 (Haverford); Ph.D., 1917 (Johns Hopkins).

WESLEY CRITZ GEORGE, Ph.D., *Professor of Histology and Embryology.*
A.B., 1911, A.M., 1912, Ph.D., 1918 (North Carolina).

OTTO STUHLMAN, JR., Ph.D., *Professor of Physics.*
B.A., 1907 (Cincinnati); M.A., 1909 (Illinois); Ph.D., 1911 (Princeton).

GUSTAVE ADOLPHUS HARRER, Ph.D., *Kenan Professor of Latin.*
A.B., 1910, Ph.D., 1913 (Princeton).

ERICH WALTER ZIMMERMANN, Ph.D., *Kenan Professor of Economics.*
Student, 1903-1907 (Düsseldorf); Ph.D, 1911 (Bonn).

ROBERT HASLEY WETTACH, A.M., LL.B., S.J.D., *Professor of Law.*
A.B., 1913, A.M., 1914, LL.B., 1917 (Pittsburgh); S.J.D., 1921 (Harvard).

GEORGE COFFIN TAYLOR, Ph.D., *Kenan Professor of English.*
A.B., 1897 (South Carolina); A.M., 1899 (Harvard); Ph.D., 1906 (Chicago).

OSCAR JACKSON COFFIN, A.B., *Professor of Journalism.*
A.B., 1909 (North Carolina).

WILLIAM JOHN MCKEE, C.E., Ph.D., *Professor of Education in Extension Teaching.*
C.E., 1909 (Cornell); M.A., 1919, Ph.D., 1930 (Columbia).

EDWARD JAMES WOODHOUSE, B.A., LL.B., *Professor of Political Science.*
B.A., 1903 (Randolph-Macon); LL.B., 1907 (Virginia).

ELMER GEORGE HOEFER, M.E., *Professor of Mechanical Engineering.*
B.S., in M.E., 1905, M.E., 1915 (Wisconsin).

WILLIAM FLINT THRALL, Ph.D., *Professor of English.*
B.S., 1901, A.M., 1902 (McKendree); A.M., 1915, Ph.D., 1920 (Chicago).

ALBERT COATES, A.B., LL.B., *Professor of Law.*
A.B., 1918 (North Carolina); LL.B., 1923 (Harvard).

URBAN TIGNER HOLMES, JR., Ph.D., *Professor of Romance Philology.*
A.B., 1920 (Pennsylvania); A.M., 1921, Ph.D., 1923, (Harvard).

MITCHELL BENNETT GARRETT, Ph.D., *Professor of Modern European History.*
A.B., 1900, A.M., 1903 (Howard); Ph.D., 1910 (Cornell).

MILLARD BRECKENRIDGE, Ph.B., LL.B., *Professor of Law.*
Ph.B., 1917 (Chicago); LL.B., 1918 (Yale).

FRANK KENNETH CAMERON, Ph.D., *Professor of Chemistry.*
A.B., 1891, Ph.D., 1894 (Johns Hopkins).

ERNEST RUTHERFORD GROVES, A.B., B.D., *Research Professor of Sociology.*
A.B., 1903 (Dartmouth); B.D., 1907 (Yale).

*HAROLD DIEDRICH MEYER, A.M., *Professor of Sociology.*
A.B., 1912, A.M., 1916 (Georgia).

ENGLISH BAGBY, Ph.D., *Professor of Psychology.*
A.B., 1913, A.M., 1914 (Princeton); Ph.D., 1918 (Johns Hopkins).

WALLACE EVERETT CALDWELL, Ph.D., *Professor of Ancient History.*
A.B., 1910 (Cornell); Ph.D., 1919 (Columbia).

MAURICE TAYLOR VANHECKE, Ph.B., J.D., *Professor of Law and Dean of the School of Law.*
Ph.B., 1916, J.D., 1917 (Chicago).

HENRY ROLAND TOTTEN, Ph.D., *Professor of Botany.*
A.B., 1913, A.M., 1914, Ph.D., 1923 (North Carolina).

HERMAN GLENN BAITY, Sc.D., *Professor of Sanitary and Municipal Engineering.*
A.B., 1917, S.B. in C.E., 1922 (North Carolina); M.S., 1925, Sc.D., 1928 (Harvard).

JAMES PENROSE HARLAND, Ph.D., *Professor of Archaeology.*
A.B., 1913, A.M., 1915, Ph.D., 1920 (Princeton).

RICHARD JUNIUS MENDENHALL HOBBS, A.B., LL.B., *Professor of Business Law*
A.B., 1909 (Guilford); A.B., 1911 (Haverford); LL.B., 1914 (Columbia).

KARL HARTLEY FUSSLER, Ph.D., *Professor of Physics.*
A.B., 1909 (Indiana); Ph.D., 1916 (Pennsylvania).

GEORGE RALEIGH COFFMAN, Ph.D., *Kenan Professor of English.*
A.B., 1903 (Drake); A.M., 1909 (Harvard); Ph.D., 1913 (Chicago).

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* Absent on leave, winter and spring quarters, 1938.

JAMES TALMADGE DOBBINS, Ph.D., *Professor of Chemistry.*
A.B., 1911, A.M., 1912, Ph.D., 1914 (North Carolina).

SAMUEL HUNTINGTON HOBBS, JR., Ph.D., *Professor of Rural Social-Economics.*
A.B., 1916, A.M., 1917 (North Carolina); Ph.D., 1929 (Wisconsin).

DANIEL ALLAN MACPHERSON, Ph.D., *Professor of Bacteriology.*
Ph.B., 1919, Sc.M., 1920 (Brown); Ph.D., 1929 (Chicago).

JOHN BROOKS WOOSLEY, Ph.D., *Professor of Economics.*
A.B., 1912 (Guilford); A.B., 1913; A.M., 1914 (Haverford); Ph.D., 1931 (Chicago).

NICHOLSON BARNEY ADAMS, Ph.D., *Professor of Spanish.*
A.B., 1915 (Washington and Lee); M.A., 1920, Ph.D., 1922 (Columbia).

LOREN CAREY MACKINNEY, Ph.D., *Professor of Medieval History.*
A.B., 1913 (Lawrence); A.M., 1916 (Wisconsin); Ph.D., 1925 (Chicago).

HENRY MATTHEW BURLAGE, Ph.D., *Professor of Pharmacy.*
A.B., 1919 (Indiana); A.M., 1921 (Harvard); Ph.G., B.S., in Pharm., 1924 (Purdue); Ph.D., 1927 (Washington).

HOWARD RUSSELL HUSE, Ph.D., *Professor of Romance Languages.*
Ph.B., 1913, Ph.D., 1930 (Chicago).

CORYDON PERRY SPRUILL, JR., A.B., B.Litt.(Oxon.), *Professor of Economics and Dean of the General College.*
A.B., 1920 (North Carolina); B.Litt., 1922 (Oxford).

EDWARD TANKARD BROWNE, Ph.D., *Professor of Mathematics.*
B.A., 1915, M.A., 1917 (Viginia); Ph.D., 1926 (Chicago).

GUSTAV THEODOR SCHWENNING, Ph.D., *Professor of Business Administration.*
B.H., 1920 (Springfield); M.A., 1921., Ph.D., 1925 (Clark).

GREGORY LANSING PAINE, Ph.D., *Professor of English.*
Ph.B., 1914, A.M., 1920, Ph.D., 1924 (Chicago).

JOHN NATHANIEL COUCH, Ph.D., *Professor of Botany.*
A.B., 1919, A.M., 1922, Ph.D., 1924 (North Carolina).

SUSAN GREY AKERS, Ph.D., *Professor of Library Science and Director of the School of Library Science.*
A.B., 1909 (Kentucky); Ph.D., 1932 (Chicago).

CLARENCE HEER, Ph.D., *Research Professor of Economics.*
A.B., 1914 (Rochester); Ph.D., 1926 (Columbia).

ERNEST LLOYD MACKIE, Ph.D., *Professor of Mathematics.*
A.B., 1917 (North Carolina); A.M., 1920 (Harvard); Ph.D., 1927 (Chicago).

FREDERICK BAYS MCCALL, A.B., LL.B., *Professor of Law.*
A.B., 1915 (North Carolina); LL.B., 1928 (Yale).

HARRY DEMERLE WOLF, Ph.D., *Professor of Economics.*
B.S., 1922 (Kansas State Teachers College); A.M., 1923, Ph.D., 1926 (Chicago).

EARLE KEITH PLYLER, Ph.D., *Professor of Physics.*
B.A., 1917, M.A., 1918 (Furman); M.A., 1923 (Johns Hopkins); Ph.D., 1924 (Cornell).

*ROBERT BINGHAM DOWNS, M.S., *Professor of Library Science and University Librarian.*
A.B., 1926 (North Carolina); B.S., 1927, M.S., 1929 (Columbia University School of Library Science).

ARTHUR EDWARD RUARK, Ph.D., *Kenan Professor of Physics.*
A.B., 1921, A.M., 1923, Ph.D., 1924 (Johns Hopkins University).

GLEN HAYDON, Ph.D., *Professor of Music.*
A.B., 1918, M.A., 1921 (California); Ph.D., 1932 (Vienna).

ARTHUR PALMER HUDSON, Ph.D., *Professor of English.*
B.S., 1913, M.A., 1920 (Mississippi); A.M., 1925 (Chicago); Ph.D., 1930 (North Carolina).

JOHN CORIDEN LYONS, Ph.D., *Professor of French.*
B.S., 1920, M.A., 1921 (William and Mary); Ph.D., 1927 (North Carolina).

ALBERT RAY NEWSOME, Ph.D., *Professor of History.*
A.B., 1915 (North Carolina); M.A., 1922, Ph.D., 1929 (Michigan).

HUGH TALMADGE LEFLER, Ph.D., *Professor of History.*
A.B., 1921, A.M., 1922 (Trinity); Ph.D., 1931 (Pennsylvania).

FLETCHER MELVIN GREEN, Ph.D., *Professor of History.*
Ph.B., 1920 (Emory); A.M., 1922, Ph.D., 1927 (North Carolina).

EDWARD MACK, JR., Ph.D., *Smith Professor of Chemistry.*
A.B., 1913, A.M., 1914, Ph.D., 1916 (Princeton).

DANIEL HOUSTON BUCHANAN, Ph.D., *Professor of Economics.*
Litt.B., 1909 (Sterling College); A.B., 1911 (Colorado College); A.M., 1912 (Harvard); D.Sc. Econ., 1928 (Keiogijuku Univ., Tokyo); Ph.D., 1931 (Harvard).

OLIVER KELLY CORNWELL, M.A., *Professor of Physical Education.*
A.B., 1920 (Wittenberg College); M.A., 1929 (Ohio State).

ROBERT ALLISON FETZER, B.S., M.A., B.S. Ch. and E.E., *Director of Physical Education and Athletics.*
B.S., 1907, M.A., 1908 (Davidson); B.S., in Ch. and E.Eng'g., 1909 (Clemson).

PAUL ELLIOTT GREEN, A.B., *Professor of Dramatic Art.*
A.B., 1921 (North Carolina).

GUY BERRYMAN PHILLIPS, A.B., *Professor of Education and Adviser in the General College.*
A.B., 1913 (North Carolina).

RAYMOND B. WOLF, A.B., *Head Coach of Football.*
A.B., 1926 (Texas Christian).

HOWARD KENNEDY BEALE, Ph.D., *Professor of History.*
Ph.B., 1921 (Chicago); A.M., 1922, Ph.D., 1927 (Harvard).

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* Resignation effective July 1, 1938.

MILTON JOSEPH ROSENAU, M.D., *Professor of Epidemiology and Director of the Division of Public Health.*
M.D., 1889 (Pennsylvania): student, 1892-93 (Hygienische Institut, Berlin; L'Institut Pasteur, Paris, 1900; Pathologisches Institut, Vienna, Austria, 1900); Hon. A. M. (Harvard).

HERBERT VON BECKERATH, D.Ec., *Visiting Professor and Lecturer on Social and Economic Theory.*
Student, 1905-08, (FreiBurg, Bonne, and Berlin); Ref. in Law, 1909 (Bonne and Cologne); D. Ec., 1911 (FreiBurg).

WILEY BRITTON SANDERS, Ph.D., *Professor of Social Work.*
A.B., 1919 (Emory College); A.M., 1920 (Emory University); A.M., 1921 (North Carolina); Ph.D., 1929 (Chicago).

ALMONTE CHARLES HOWELL, Ph.D., *Professor of English.*
A.B., 1917 (Denison); M.A., 1920 (Columbia); Ph.D., 1924 (North Carolina).

DOUGALD MACMILLAN, Ph.D., *Professor of English.*
A.B., 1918, A.M., 1920, Ph.D., 1925 (North Carolina).

CHARLES DALE BEERS, Ph.D., *Professor of Zoölogy.*
A.B., 1921, A.M., 1922 (North Carolina); Ph.D., 1925 (Johns Hopkins).

KEENER CHAPMAN FRAZER, A.M., *Professor of Political Science.*
A.B., 1920 (Wofford); A.M., 1921 (North Carolina).

CHARLES PHILLIPS RUSSELL, A.B., *Professor of Journalism.*
A.B., 1904 (North Carolina).

MARION LEE JACOBS, Ph.D., *Professor of Pharmaceutical Chemistry.*
Ph.C., 1921 (North Carolina); B.S. (Pharm.), 1925, M.Sc., 1926 (Nebraska); Ph.D., 1937 (Maryland).

ROY MELTON BROWN, Ph.D., *Professor of Public Welfare Administration and Director of the Division of Public Welfare and Social Work.*
A.B., 1906, A.M., 1921, Ph.D., 1929 (North Carolina).

RUPERT BAYLESS VANCE, Ph.D., *Research Professor in the Institute for Research in Social Science.*
A.B., 1920 (Henderson-Brown); A.M., 1921 (Vanderbilt); Ph.D., 1928 (North Carolina).

RALPH WALTON BOST, Ph.D., *Professor of Chemistry.*
A.B., 1923 (Newberry); A.M., 1924, Ph.D., 1928 (North Carolina).

EDWARD MORRIS BERNSTEIN, Ph.D., *Professor of Economics.*
Ph.B., 1927 (Chicago); A.M., 1928, Ph.D., 1930 (Harvard).

JAMES CLARENCE ANDREWS, Ph.D., *Professor of Biological Chemistry.*
B.S. in Chem., 1915 (Iowa); Ph.D., 1918 (Columbia).

*HARL ROY DOUGLASS, Ph.D., *Kenan Professor of Secondary Education.*
B.S., 1915, A.M., 1921 (Missouri); Ph.D., 1927 (Stanford).

RICHARD JENTE, Ph.D., *Professor of the Germanic Languages and Literatures.*
A.B., 1910, A.M., 1911 (Yale); Ph.D., 1917 (Heidelberg).

ROBEN JOHN MAASKE, M.A., *Professor of Education.*
B.A., 1927 (Nebraska); M.A., 1936 (Oregon).

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* To enter upon duties in March, 1938.

GEORGE FINGER THOMAS, Ph.D., *Professor of Philosophy.*
A.B., 1919 (Southern Methodist); Ph.D., 1929 (Harvard).

HAROLD WILLIAM BROWN, Sc.D., M.D., Dr.P.H., *Professor of Public Health.*
A.B., 1924 (Kalamazoo); M.S., 1925 (Kansas State); Sc.D., 1928 (Johns Hopkins); M.D., 1933 (Vanderbilt); Dr.P.H., 1936 (Harvard).

ROBERT BAKER LAWSON, M.D., *Associate Professor of Physical Education.*
Student, 1897-1900 (North Carolina); M.D., 1902 (Maryland).

ARTHUR SIMEON WINSOR, Ph.D., *Associate Professor of Mathematics.*
A.B., 1914, A.M., 1915 (Mount Allison); Ph.D., 1927 (Johns Hopkins).

FLOYD HARRIS EDMISTER, Ph.D., *Associate Professor of Chemistry.*
B.S., 1912 (Syracuse); M.S., 1913 (Louisiana State); Ph.D., 1918 (Syracuse).

MALCOLM DEAN TAYLOR, A.B., M.B.A., *Associate Professor of Marketing.*
A.B., 1920 (Oberlin); M.B.A., 1923 (Harvard).

SHIPP GILLESPIE SANDERS, A.M., *Associate Professor of Latin and Adviser in the General College.*
A.B., 1909 (Southwestern); A.M., 1915 (Princeton).

JOE BURTON LINKER, Ph.D., *Associate Professor of Mathematics.*
A.B., 1918, A.M., 1920 (North Carolina); Ph.D., 1924 (Johns Hopkins).

JOSEPH MERRITT LEAR, M.A., *Associate Professor of Insurance.*
A.B., 1900, A.M., 1902 (Randolph-Macon); M.A., 1915 (Columbia).

CARLETON ESTEY PRESTON, Ph.D., *Associate Professor of the Teaching of Science.*
A.B., 1899, A.M., 1900, Ph.D., 1902 (Harvard).

PRESTON COOKE FARRAR, M.A., *Associate Professor of the Teaching of English.*
A.B., 1891 (Washington and Jefferson); M.A., 1904 (Columbia).

HUGO GIDUZ, A.B., *Associate Professor of the Teaching of French.*
A.B., 1905 (Harvard).

HERMAN HENRY STAAB, M.A., *Associate Professor of Romance Languages.*
B.A., M.A., 1912 (University of the South).

*MILTON SYDNEY HEATH, Ph.D., *Associate Professor of Economics·*
A.B., 1918, (Kansas); A.M., 1924, Ph.D., Feb. 1938 (Harvard).

HOWARD FREDERICK MUNCH, A.M., *Associate Professor of the Teaching of Mathematics.*
B.S., 1904 (Adrian College); A.M., 1926 (Chicago).

ROY WILLIAM MORRISON, Ph.D., *Associate Professor of Education in Extension Teaching.*
A.B., 1916 (Davidson); Ph.D., 1928 (North Carolina).

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* Absent on leave on the Kenan Foundation, fall quarter, 1937.

RALPH MCCOY TRIMBLE, C.E., S.M., *Associate Professor of Civil Engineering.*
C.E., 1921 (Virginia); S.M., 1927 (North Carolina).

HORACE DOWNS CROCKFORD, Ph.D., *Associate Professor of Chemistry.*
B.S., 1920 (N. C. State College of Agrilculture and Engineering); S.M., 1923, Ph.D., 1926 (North Carolina).

ESTON EVERETT ERICSON, Ph.D., *Associate Professor of English.*
B.A., 1923 (Montana); M.A., 1925 (Maryland); Ph.D., 1928 (Johns Hopkins).

FRANK WILLIAMS HANFT, A.B., S.J.D., *Associate Professor of Law.*
LL.B., 1924, A.B., 1929, LL.M., 1929 (Minnesota); S.J.D., 1931 (Harvard)

IRA WINFIELD ROSE, Ph.G., *Associate Professor of Practical Pharmacy.*
Ph.G., 1906 (North Carolina).

*GERALD RALEIGH MACCARTHY, Ph.D., *Associate Professor of Geology.*
A.B., 1921 (Cornell); A.M., 1924, Ph.D., 1926 (North Carolina).

PAUL WOODFORD WAGER, Ph.D., *Associate Professor of Rural Social-Economics.*
B.S., 1917 (Hobart College); A.M., 1920 (Haverford); Ph.D., 1927 (North Carolina).

STEPHEN ALBERT EMERY, Ph.D., *Associate Professor of Philosophy.*
A.B., 1923, Ph.D., 1928 (Cornell).

RALPH STEELE BOGGS, Ph.D., *Associate Professor of Spanish.*
Ph.B., 1926, Ph.D., 1930 (Chicago).

GRANT LESTER DONNELLY, A.B., in Educ., M.D., *Associate Professor of Pharmacology.*
A.B., in Educ., 1929 (North Carolina); M.D., 1933 (Duke).

GUY BENTON JOHNSON, Ph.D., *Research Associate in the Institute for Research in Social Science.*
A.B., 1921 (Baylor); A.M., 1922 (Chicago); Ph.D., 1927 (North Carolina)

HARRIET LAURA HERRING, A.M., *Research Associate in the Institute for Research in Social Science.*
A.B., 1913 (Meredith); A.M., 1918 (Radcliffe).

KATHARINE JOCHER, Ph.D., *Research Associate in and Assistant Director of the Institute for Research in Social Science.*
A.B., 1922 (Goucher); A.M., 1923 (Pennsylvania); Ph.D., 1929 (North Carolina).

BEN HUSBANDS, A.B., *Associate Registrar and Examiner.*
A.B., 1927 (North Carolina).

MICHAEL ARENDELL HILL, JR., A.M., *Associate Professor of Mathematics and Adviser in the General College.*
A.B., 1920, A.M., 1921 (North Carolina).

JAMES GILBERT EVANS, M.A., *Associate Professor of Economics.*
A.B., 1921 (Simpson); M.A., 1924 (Illinois).

RAYMOND WILLIAM ADAMS, Ph.D., *Associate Professor of English.*
A.B., 1920 (Beloit); A.M., 1921, Ph.D., 1928 (North Carolina).

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* Absent on leave, 1937-1938.

*Richmond Pugh Bond, Ph.D., *Associate Professor of English.*
A.B., 1920 (Vanderbilt); A.M., 1923, Ph.D., 1929 (Harvard).

Robert Howard Sherrill, M.A., C.P.A., *Associate Professor of Accounting.*
S.B.Comm., 1925 (North Carolina); M.A., 1927 (Columbia); C.P.A., State of North Carolina.

Sterling Aubrey Stoudemire, Ph.D., *Associate Professor of Spanish.*
A.B., 1923, A.M., 1924, Ph.D., 1930 (North Carolina).

**William Sumner Jenkins, LL.B., Ph.D., *Associate Professor of Political Science.*
A.B., 1924, A.M., 1925, Ph.D., 1927, LL.B., 1931 (North Carolina).

Charles Baskerville Robson, Ph.D., *Associate Professor of Political Science.*
A.B., 1919 (Davidson); A.M., 1924 (Princeton); Ph.D., 1930 (North Carolina).

William Leon Wiley, Ph.D., *Associate Professor of French.*
A.B., 1921 (Chattanooga); A.M., 1925, Ph.D., 1930 (Harvard).

†Nora Beust, A.M., *Associate Professor of Library Administration.*
B.A., 1922 (Wisconsin); A.M., 1930 (North Carolina).

Lee Marshall Brooks, Ph.D., *Associate Professor of Sociology.*
A.B., 1925 (Boston); A.M., 1926, Ph.D., 1929 (North Carolina).

Benjamin Franklin Swalin, Ph.D., *Associate Professor of Music.*
B.S., 1928, A.M., 1930 (Columbia); Graduate, 1930 (Institute of Musical Art, New York); Graduate, 1932 (Hochschule für Musik and Kappelmeisterschule of the Stadtsakademie, Vienna); Ph.D., 1932 (Vienna).

John Minor Gwynn, Ph.D., *Associate Professor of the Teaching of Latin.*
A.B., 1918, A.M., 1927 (North Carolina); Ph.D., 1935 (Yale).

Oscar Knefler Rice, Ph.D., *Associate Professor of Chemistry.*
B.S., 1924, Ph.D., 1926 (California).

Frank Farrier Groseclose, M.S.M.E., *Associate Professor of Mechanical Engineering.*
B.S. in M.E., 1928, M.S. in M.E., 1932 (Virginia Polytechnic Institute).

William F. Lange, M.A., *Associate Professor of Physical Education.*
A.B., 1921 (Wittenberg College); M.A., 1933 (Columbia).

Dudley Johnstone Cowden, Ph.D., *Associate Professor of Economics.*
A.B., 1919 (Grinnell College); A.M., 1922 (Chicago); Ph.D., 1931 (Columbia).

H. Ward Ferrill, Ph.D., *Associate Professor of Physiology.*
Ph.D., 1936 (Chicago).

William Anderson Olsen, A.M., *Associate Professor of English.*
A.B., 1923 (Cornell); A.M., 1928 (North Carolina).

Walter Reece Berryhill, A.B., M.D., *Associate Professor of Medicine.*
A.B., 1921 (North Carolina); M.D., 1927 (Harvard).

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* Absent on leave on the Kenan Foundation, fall quarter, 1937; absent on leave, winter and spring quarters, 1938.

** Not in residence, fall quarter, 1937.

† Absent on leave, Jan. 1, 1938, to Jan. 1, 1939.

SAMUEL SELDEN, A.B., *Associate Professor of Dramatic Art and Associate Director of the Carolina Playmakers.*
A.B., 1922 (Yale).

VINTON ASBURY HOYLE, Ph.D., *Associate Professor of Mathematics.*
A.B., 1924, A.M., 1925 (North Carolina); Ph.D., 1930 (Princeton).

ROBERT BOIES SHARPE, Ph.D., *Associate Professor of English.*
B.A., 1918 (Wesleyan); M.A., 1923 (Wisconsin); Ph.D., 1928 (Yale).

EARL ANDERSON SLOCUM, M.M., *Associate Professor of Music.*
B.Mus., 1931, M.M., 1936 (Michigan).

EDWIN CARLYLE MARKHAM, Ph.D., *Associate Professor of Chemistry and Adviser in the General College.*
A.B., 1923 (Trinity); Ph.D., 1927 (Virginia).

JOHN ARCHIBALD WHEELER, Ph.D., *Associate Professor of Physics.*
Ph.D., 1933 (Johns Hopkins).

*JAMES WILLIAM FESLER, Ph.D., *Associate Professor of Political Science.*
A.B., 1932 (Minnesota); A.M., 1933, Ph.D., 1935 (Harvard).

ISABELLE KIRKLAND CARTER, M.S.S., *Associate Professor of Social Work.*
B.S., 1924 (Boston Univ.); M.S.S., 1925 (Smith College School of Social Work.)

CHARLTON FOSTER CHUTE, Ph.D., *Associate Professor of Political Science.*
A.B., 1929 (California at Los Angeles); Ph.D., 1935 (Chicago).

JOHN P. DALZELL, LL.B., *Associate Professor of Law.*
A.B., 1922, LL.B., 1924 (Minnesota).

ROSELLE PARKER JOHNSON, Ph.D., *Associate Professor of Latin.*
A.B., 1921 (Dennison); A.M., 1925 (Michigan); Ph.D., 1931 (Illinois).

GEORGE SHERMAN LANE, Ph.D., *Associate Professor of Germanic and Comparative Linguistics.*
B.A., 1926, M.A., 1927 (Iowa); Ph.D., 1930 (Chicago).

CARL VERNON REYNOLDS, M.D., *Associate Professor of Public Health.*
M.D., 1895 (Univ. of the City of New York).

ALFRED RUSSELL, D.Sc., *Associate Professor of Organic Chemistry.*
B.S., 1926, D.Sc., 1929 (Queen's College, Ireland).

LANCASTER DEMOREST BURLING, B.S., *Associate Professor of Geology.*
B.S. in G.E., 1905 (Wisconsin).

GEORGE KENNETH GRANT HENRY, Ph.D., *Assistant Registrar.*
A.B., 1900, A.M., 1904 (Hamilton); Ph.D., 1914 (North Carolina).

ARNOLD KIMSEY KING, A.M., *Assistant Professor of the Teaching of History.*
A.B., in Educ., 1925 (North Carolina); A.M., 1927 (Chicago).

ROLAND PRINCE MCCLAMROCH, Ph.D., *Assistant Professor of English.*
A.B., 1920, A.M., 1922, Ph.D., 1927 (North Carolina).

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* Absent on leave, 1937-1938.

GRACE PENN WOODMAN, *Assistant Professor of Music in Extension Teaching.*

GLADYS ANGEL BEARD, M.A., *Assistant Professor of Health and Physical Education in Extension Teaching and Director of Physical Education for Women.*
B.S., 1923, M.A., 1930 (Teachers College, Columbia).

*LOFTON LEROY GARNER, A.M., *Assistant Professor of Mathematics.*
A.B., 1925, A.M., 1927 (North Carolina).

LUCILE KELLING, A.B., B.L.S., *Assistant Professor of Library Science.*
A.B., 1917 (Whitman); B.L.S., 1921 (New York State Library School).

SAMUEL THOMAS EMORY, M.A., *Assistant Professor of Geology.*
A.B., 1921 (Randolph-Macon); M.A., 1931 (Columbia).

HARRY KITSUN RUSSELL, Ph.D., *Assistant Professor of English.*
A.B., 1923 (Davidson); A.M., 1928, Ph.D., 1931 (North Carolina).

JOHN WARFIELD HUDDLE, Ph.D., *Assistant Professor of Geology and Adviser in the General College.*
B.S., 1929 (Northwestern); Ph.D., 1934 (Indiana).

JAMES OSLER BAILEY, Ph.D., *Assistant Professor of English.*
A.B., 1924, A.M., 1927, Ph.D., 1934 (North Carolina).

CARL HAMILTON PEGG, Ph.D., *Assistant Professor of History.*
A.B., 1927, A.M., 1927, Ph.D., 1929 (North Carolina).

CECIL JOHNSON, Ph.D., *Assistant Professor of History and Adviser in the General College.*
A.B., 1922 (Mississippi College); M.A., 1924 (Virginia); Ph.D., 1932 (Yale).

JOSIAH COX RUSSELL, Ph.D., *Assistant Professor of History.*
A.B., 1922 (Earlham); A.M., 1923, Ph.D., 1926 (Harvard).

JAN PHILIP SCHINHAN, M.A., Ph.D., *Assistant Professor of Music.*
A.B., 1931, M.A., 1933 (California); Ph.D., 1937 (Vienna).

DONALD PAUL COSTELLO, Ph.D., *Assistant Professor of Zoölogy.*
A.B., 1930 (College of the City of Detroit); Ph.D., 1934 (Pennsylvania).

REX SHELTON WINSLOW, Ph.D., *Assistant Professor of Economics.*
A.B., 1923 (Simpson); A.M., 1929 (Illinois); Ph.D., 1936 (North Carolina).

WERNER PAUL FRIEDERICH, Ph.D., *Assistant Professor of German.*
A.B., 1924 (Gymnasium, Bern); A.M., 1929, Ph.D., 1932 (Harvard).

JOSEPH EDISON ADAMS, Ph.D., *Assistant Professor of Botany.*
Ph.G., 1925, Ph.Ch., 1927, (College of Pharmacy, Columbia); B.S., 1929 (Michigan); A.M., 1932 (Columbia); Ph.D., 1935 (California).

FLOYD THEODORE SIEWERT, M.A., *Assistant Professor of Physical Education.*
B.S. in Educ., 1932 (Wittenberg); M.A., 1935 (Ohio State).

JAMES E. MAGOFFIN, Ph.D., *Assistant Professor for Industrial Research.*
B.S. (Chemistry), 1932, Ph.D., 1936 (Cornell).

DONALD WILLIAM MARKHAM, A.B., J.D., *Assistant Professor of Law.*
A.B., 1931 (Colgate); J.D., 1936 (North Carolina).

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* Absent on leave, 1937-1938.

SHERMAN EVERETT SMITH, Ph.D., *Assistant Professor of Chemistry.*
S.B. in Ch.E., 1930 (S. Dak. State School of Mines); Ph.D., 1935 (Ohio State).

RUSSELL TRAIN SMITH, A.B., M.Arch., *Assistant Professor of Art.*
A.B., (Fine Arts), 1927, M.Arch., 1930 (Harvard).

FRANKLIN CARL ERICKSON, Ph.D., *Assistant Professor of Geology.*
A.B., 1928, A M. 1930, Ph.D., 1935 (Clark).

JOHN ELIAS TOMS, M.M., *Assistant Professor of Music.*
B.M., 1932 (Oberlin); M.M., 1936 (Michigan).

EDWARD MCGOWAN HEDGPETH, A.B., M.D., *Assistant University Physician and Instructor in Surgery.*
A.B., 1927 (North Carolina); M.D., 1931 (Pennsylvania).

ROBERT WHITE LINKER, Ph.D., *Assistant Professor of French.*
A.B., 1925, A.M., 1928, Ph.D., 1933 (North Carolina).

EDWARD ALEXANDER CAMERON, Ph.D., *Assistant Professor of Mathematics.*
A.B. in Education, 1928, A.M., 1929, Ph.D., 1936 (North Carolina).

HARRY ELLERBE DAVIS, A.B., *Assistant Professor of Dramatic Art and Assistant Director of the Carolina Playmakers.*
A.B., 1927 (South Carolina).

FREDERICK EDWARD COENEN, Ph.D., *Assistant Professor of German.*
A.B., 1928, A.M., 1930 (Arizona); Ph.D., 1936 (North Carolina).

ABRAM GUSTAVUS BAYROFF, Ph.D., *Assistant Professor of Psychology.*
A.B., 1927 (New York); A.M., 1929, Ph.D., 1931 (North Carolina).

WILLIAM SMITH WELLS, Ph.D., *Assistant Professor of English and Adviser in the General College.*
A.B., 1929, A.M., 1930 (Southern California); Ph.D., 1935 (Stanford).

WALTER SPEARMAN, A.M., *Assistant Professor of Journalism.*
A.B., 1929, A.M., 1937 (North Carolina).

HERMAN WALKER SCHNELL, A.B., *Assistant Professor of Physical Education.*
A.B., 1930 (North Carolina).

REINHOLD BAER, Ph.D., *Assistant Professor of Mathematics.*
Ph.D., 1925 (Göttingen).

RUSSELL LOWELL HOLMAN, M.D., *Assistant Professor of Pathology.*
A.B., 1927 (Washington University); M.D., 1931 (Vanderbilt).

ROBERT JAMES WHERRY, Ph.D., *Assistant Professor of Psychology.*
B.S., 1925, M.A., 1927, Ph.D., 1929 (Ohio State).

HAROLD BENEDICT GOTAAS, M.S., *Assistant Professor of Sanitary Science.*
B.S. in C.E., 1928 (South Dakota); M.S. in C.E., 1930 (Iowa State College); M.S. in San. Eng'g., 1937 (Harvard).

WILLIAM H. IRWIN, Ph.D., *Assistant Professor of Petrology.*
B.A., 1930 (Ohio Wesleyan); M.A., 1934, Ph.D., 1937 (Columbia).

WILLIAM GARDNER MORGAN, A.B., M.D., *Assistant University Physician and Instructor in Physical Diagnosis.*
A.B., 1927 (North Carolina); M.D., 1931 (Pennsylvania).

ELWYN ARTHUR MAUCK, Ph.D., *Acting Assistant Professor of Political Science.*
A.B., 1932 (Cornell College); A.M., 1933, Ph.D., 1937 (Columbia).

GEORGE HAROLD LAWRENCE, A.M., *Assistant Professor of Social Work.*
A.B., 1919 (Columbia); A.M., 1928 (North Carolina).

JOHN LEROY SMITH, A.M., *Instructor in French.*
A.B., 1917, A.M., 1924 (North Carolina).

THOMAS EWELL WRIGHT, A.M., *Instructor in French.*
A.B., 1922, A.M., 1926 (North Carolina).

WILLIAM LESTER WILSON, A.M., *Instructor in English.*
A.B., 1921 (Piedmont); A.M., 1928 (North Carolina).

JOHN ERWIN CARROLL, JR., A.M., *Instructor in Romance Languages.*
B.S., 1923 (The Citadel); A.M., 1928 (North Carolina).

ARTHUR RUSSELL HOLLETT, S.M.E., *Instructor in Engineering.*
S.B., in Civ. Eng'g., 1928, S.M. in C.E., 1933 (North Carolina).

RAYMOND FRANKLIN STAINBACK, S.M.E., *Instructor in Electrical Engineering.*
S.B., in Elec. Eng'g., 1926, S.M.E., 1931 (North Carolina).

THOMAS HENDERSON BYRNES, B.S., M.D., *Instructor in Pathology.*
B.S., 1922 (Clemson); M.D., 1926 (Medical College of South Carolina).

GEORGE FREDERICK HORNER, M.A., *Instructor in English.*
B.A., 1921, M.A., 1924 (Pennsylvania State College).

FRANCIS CLEMENT HAYES, Ph.D., *Instructor in Spanish.*
A.B., 1928 (North Carolina); M.A., 1930 (Columbia); Ph.D., 1936 (North Carolina).

DAVID KIRBY SPELT, A.B., *Instructor in Psychology.*
A.B., 1930 (Haverford).

WALTER DEVEREAUX CREECH, A.M., *Instructor in French.*
A.B., 1928, A.M., 1930 (North Carolina); Certificate, University of Lyons (1932), University of Bordeaux (1933).

JOHN WILLIAM PARKER, A.B. in Educ., *Intructor in Dramatic Art in Extension.*
A.B. in Educ., 1930 (North Carolina).

WILLIAM ROWE WEAVER, A.M., *Instructor in Spanish.*
A.B., 1929 (Davidson); A.M., 1934 (North Carolina).

LOUIS OSGOOD KATTSOFF, Ph.D., *Instructor in Philosophy.*
A.B., 1927, A.M., 1930, Ph.D., 1934 (Pennsylvania).

ALFRED GARVIN ENGSTROM, A.M., *Instructor in French.*
A.B., 1933, A.M., 1935 (North Carolina).

THEODORE NELSON GRICE, S.B., *Instructor in Economics.*
S.B. Comm., 1928 (North Carolina).

WILLIAM ALBERT MCKNIGHT, B.S., *Instructor in Spanish.*
B.S., 1932 (Davidson).

LINTON LOMAS BARRETT, M.A., *Instructor in Spanish.*
B.A., 1928, M.A., 1929 (Mercer).

JOSEPH CARLYLE SITTERSON, Ph.D., *Instructor in History.*
A.B., 1931, A.M., 1932, PhD., 1937 (North Carolina).

ALBERT IRVING SUSKIN, Ph.D., *Instructor in Latin.*
A.B. in Educ. 1931, A.M., 1932, Ph.D., 1937 (North Carolina).

PAUL EDMONDSON SHEARIN, Ph.D., *Instructor in Physics.*
A.B. in Educ., 1929, A.M., 1930 (North Carolina); Ph.D., 1934 (Ohio State).

WILLIAM P. RICHARDSON, B.A., M.D., M.P.H., *Instructor in Public Health for Social Workers and District Health Officer.*
B.A. (Medicine), 1926 (Wake Forest); M.D., 1928 (Med. College of Va.); M.P.H., 1933 (Johns Hopkins).

HENRY BRANDIS, JR., A.B., LL.B., *Instructor in Political Science.*
A.B., 1928 (North Carolina); LL.B., 1931 (Columbia).

HARRISON WILSON STRALEY III, A.B., *Instructor in Geology.*
A.B., 1923 (Concord State Teachers College).

EARL HORACE HARTSELL, A.M., *Instructor in English.*
A.B., 1924, A.M., 1935 (North Carolina).

WALDO FOREST MCNEIR, A.M., *Instructor in English.*
A.B., 1929 (Rice); A.M., 1932 (North Carolina).

JAMES KESTER SVENDSEN, A.M., *Instructor in English.*
A.B., 1934 (College of Charleston); A.M., 1935 (North Carolina).

GERALD GILES GRUBB, M.A., *Instructor in English.*
A.B., 1928 (Catawba College); M.A., 1934 (Wake Forest College).

G. HARRIS DAGGETT, M.A., *Instructor in English.*
A.B., 1928, A.M., 1929 (Cornell).

RICHARD ARCHER EDWARDS, M.A., *Instructor in Geology.*
B.S., 1931 (Michigan); M.A., 1934 (Cincinnati).

C. N. SANFORD, B.S., *Instructor in Mechanical Engineering.*
B.S. in M.E., 1928 (Oregon State College).

LEONARD DEL. WALLACE, A.B., *Instructor in English.*
A.B., 1909 (Kentucky).

MICHAEL Z. RONMAN, A.B., *Instructor in Physical Education.*
A.B. in Phys. Educ., 1935 (Pennsylvania State College).

JOHN VAUGHT, A.B., *Instructor in Physical Education.*
A.B., 1932 (Texas Christian).

JAMES LOGAN GODFREY, A.M., *Instructor in History.*
A.B., 1931 (Roanoke College); A.M., 1933 (North Carolina).

CAREY DEWITT ELDRIDGE, A.B., *Instructor in French.*
A.B., 1935 (Virginia).

ROGERS DEY WHICHARD, A.B., *Instructor in French.*
A.B., 1924 (North Carolina).

HOWARD WILLIAM BAILEY, A.B., *Instructor in Dramatic Art.*
A.B., 1930 (North Carolina).

WILLIAM LOUIS ENGELS, Ph.D., *Instructor in Zoölogy.*
B.S., 1930 (Notre Dame); Ph.D., 1937 (California).

WARNER SMITH HAMMOND, Ph.D., *Instructor in Anatomy.*
A.B., 1932 (Dartmouth); Ph.D., 1937 (Cornell).

NATHAN JACOBSON, Ph.D., *Instructor in Mathematics.*
A.B., 1930 (Alabama); Ph.D., 1934 (Princeton).

GRANVIL CHARLES KYKER, B.S., *Instructor in Biochemistry.*
B.S., 1932 (Carson-Newman).

FRANK NORMAN LOW, Ph.D., *Instructor in Anatomy.*
A.B., 1932, Ph.D., 1936 (Cornell).

RUTH EVELYN DODD, M.S., *Instructor in Case Work Practice.*
A.B., 1930 (N.C.C.W.); M.S., 1932 (Western Reserve).

EDWARD HUTCHINGS ANDERSON, Ph.D., *Instructor in Commerce.*
B.S., 1923 (Virginia); M.S., 1928 (Florida); Ph.D., 1937 (North Carolina).

CHARLES PHILLIPS ANSON, M.A., *Instructor in Economics.*
B.A., 1924 (Wisconsin); M.A., 1930 (Ohio State).

ALBERT DOUGLAS BEACH LANGSTON, A.M., *Instructor in English.*
A.B., 1933 (The Citadel); A.M., 1934 (Claremont).

DONALD FRAZER MARTIN, A.M., *Instructor in Economics.*
A.B., 1929 (Davidson); A.M., 1931 (North Carolina).

WILLIAM DECATUR PERRY, D.Ed., *Instructor in Education.*
A.B. in Educ., 1929 (North Carolina); D.Ed., 1937 (Teachers College, Columbia).

EDWIN SHEPARD MILLER, M.A., *Instructor in English.*
A.B., 1925 (Bethany); M.A., 1930 (Ohio State).

CLEMENT HAROLD DONOVAN, B.S., *Instructor in Economics.*
B.S., 1931 (St. Lawrence).

EDMUND CODY GASS, M.A., *Instructor in Political Science.*
B.A., 1927 (Carson-Newman); M.A., 1931 (Tennessee).

ELLIOTT DOW HEALEY, A.M., *Instructor in French.*
B.A., 1931 (William and Mary); A.M., 1937 (North Carolina).

ALBERT CHARLES CORNSWEET, Ph.B., *Instructor in Psychology.*
Ph.B., 1929 (Brown).

HALSEY MYRON MACPHEE, M.A., *Instructor in Psychology.*
B.S., 1930, M.A., 1932 (St. Lawrence).

NESTORE DICOSTANZO, A.B., *Technician in Physics.*
A.B., 1935 (North Carolina).

RESEARCH ASSISTANTS, 1937-1938

Alma Holland, A.B., *Research Assistant in Botany.*

Lucille Marshall Elliott, A.B., *Research Assistant in Law.*

Julian Clyde Franklin, A.B., *Research Assistant in Law.*

Winfield Clary Holt, A.B., *Research Assistant in Law.*

John Taylor Schiller, A.B., *Research Assistant in Law.*

Lawrence Foushee London, Ph.D., *Research Assistant in the Library.*

Harold Loran Geisert, A.M., *Research Assistant in the Institute for Research in Social Science.*

†Francis Sidney Wilder, A.M., *Research Assistant in the Institute for Research in Social Science.*

Vernon Lane Wharton, A.M., *Junior Research Assistant in the Institute for Research in Social Science.*

Vincent Heath Whitney, A.M., *Junior Research Assistant in the Institute for Research in Social Science.*

TEACHING FELLOWS, 1937-1938

Leland Shanor, A.M.	Botany
Leon Galloway, B.S.	Chemistry
Samuel Bradley Knight, S.M.	Chemistry
Philip Haxall Latimer, Jr., B.S.	Chemistry
Benson Willis Davis, A.M.	Classics
James Cyril Dickson Blaine, B.S.	Economics and Commerce
*Fred Henry Weaver, A.B.	Economics and Commerce.
**John Whitefield Kendrick, A.B.	Economics and Commerce.
William Joseph Eliot Crissy, Ed.M.	Education
Ben Gray Lumpkin, M.A.	English
*Bailey Gordon Watson, A.M.	English
**Gilbert Sylvester Ohlmann	English
Herman Wittmeyer, A.B.	English
William Ray Johnson, Jr., S.B.	Geology
John Ellis Craps, A.M.	German
Eugene Ashby Hammond, A.B.	History
Judson Clements Ward, Jr., A.M.	History
John Frederick Munch, A.B.	Mathematics
Charles Louis Seebeck, Jr., A.M.	Mathematics
Creighton Clinton Jones, M.S.	Physics
John Higgins Williams, A.M.	Political Science
Robert Lewis Bolton, Jr., A.B.	Psychology
Robert Guilford Lewis, A.B.	Romance Languages
Edward Francis Moyer, A.M.	Romance Languages

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† Absent on leave, 1937-1938.

* Fall quarter only.

** Winter and spring quarters.

Elbert Daymond Turner, Jr., A.B.	Romance Languages
Kenneth Evans, M.A.	Sociology
Gordon Herschel Tucker, M.S.	Zoölogy
Convere Jones Burwell, Ph.D.	Kenan Fellow in Philosophy

STUDENT ASSISTANTS, 1937-1938

Meyer Harvey Rolnick, M.S.	Bacteriology
Thomas Worth Crowell, A.B.	Biochemistry
Walter Lane Barksdale, A.B.	Botany
George Andrew Christenberry, B.S.	Botany
Hiden Toy Cox, B.S., B.A.	Botany
James Arthur Doubles, A.B. in Educ.	Botany
Frances Katharine Foust, A.B.	Botany
Jean Gage Leitner, B.S.	Botany
Donald Dirk Ritchie, A.M.	Botany
Laurie Marguerite Stewart, A.M.	Botany
Alma Joslyn Whiffen, B.A.	Botany
Edwin Ruffin Andrews, A.M.	Chemistry
Warren Frederick Bartz, B.S.	Chemistry
Harvey Adolphus Bernhardt, A.B.	Chemistry
Clarence Vernon Cannon, B.S.	Chemistry
Samuel Friend Clark, M.S.	Chemistry
Hugh Clifton Gulledge, B.A.	Chemistry
Walter Linwood Haden, Jr., B.S.	Chemistry
Raymond Clement Harris, B.S.	Chemistry
James Horace Langston, A.B.	Chemistry
Edgar Paul Hubert Meibohm, B.S.	Chemistry
Postell Mood Nicholes, Jr., S.M.	Chemistry
Woodford Grady Sink, B.A.	Chemistry
John Albert Southern, M.S.	Chemistry
Bailey Daniel Webb, A.B.	Chemistry
Howard Edwards Wright, Jr., M.S.	Chemistry
Joseph Lee Brown, A.B.	Dramatic Art
Fred Ervin Howard, Jr., A.B.	Dramatic Art
Gwendolyn Margaret Pharis, A.B.	Dramatic Art
Clemon L. White, A.B.	Dramatic Art
Stuart Blow, A.B.	Economics and Commerce
Brant Bonner, Ph.B.	Economics and Commerce
Robert Willingham Crutchfield, A.B.	Economics and Commerce
*Elizabeth Whitbeck Donovan, A.B.	Economics and Commerce
John Byron Hackett, S.B.	Economics and Commerce
James Earl Hicks, A.B.	Economics and Commerce
Paul Hanna Livingston, S.B.	Economics and Commerce
**Bertie Melville McGee, A.M.	Economics and Commerce
Olin Terrill Mouzon, B.S.	Economics and Commerce
Walter Eugene Conrad, Jr., A.B.	Education

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* Fall quarter only.
** Winter and Spring quarters.

Lubin Poe Leggette, A.B.	Education
Edward Marquette Broadhurst	Engineering
Philip Harvey Davis, A.M.	English
Mary Howell Eliason, A.M.	English
George Harding Foster, A.M.	English
Joe Horrell, M.A.	English
Francis Pledger Hulme, A.M.	English
*Gilbert Sylvester Ohlmann, A.M.	English
Durant Waite Robertson, Jr., A.M.	English
Henry Whittington Sams, M.A.	English
John Byron Wilson, M.A.	English
Wilson Morrow Laird, B.A.	Geology
William Alexander White, A.M., M.S.	Geology
James Filmore Cook, A.M.	German
Nicholas Maurice Korff, Cert. Matur.	German
Beverly Turpin Moss, A.M.	German
Laurence Sidney Thompson, A.M.	German
Charles Lemuel Carroll, Jr., A.M.	Mathematics
Anthony Keith Hinds, A.M.	Mathematics
Kathryn Isabel Kennard, B.A.	Music
Dale Edmund Sandifur, M.A.	Music
Willi Hans Soyez, Cert. Matur.	Music
Fred Richard Cochrane, Jr.	Pharmacology
James Leonard Creech	Pharmacy
William Reese Lloyd, A.B., B.S.	Pharmacy
Hubert Graham Price	Pharmacy
Wilson Coite Simmons	Pharmacy
Robert Neal Watson	Pharmacy
Emery Elisha Raper, A.B.	Physical Education
Edwin Godley Winstead	Physical Education
Mary Wilma Hodge, M.A.	Physics
Everette Irl Howell, M.S.	Physics
Arthur Clayton Menius, Jr., A.B.	Physics
Hermon Manley Parker, A.M.	Physics
Archibald Henderson, Jr., A.B.	Political Science
*Mildred Corinna Mendenhall, M.A.	Psychology
Dorothy Rethlingshafer, M.A.	Psychology
**Margaret Erwin Robins, A.B.	Psychology
Olin Trivette Binkley, Ph.D.	Sociology
Oliver Bruce Thomason, A.M.	Sociology
Jerry Harry Allen	Zoölogy
Philip Latimore Carpenter, A.B.	Zoölogy
Coit McLean Coker, A.B.	Zoölogy
John Albert Fincher, M.S.	Zoölogy
Lytt Irvine Gardner	Zolöogy

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* Fall quarter only.
** Winter and Spring quarters.

STANDING FACULTY COMMITTEES

ADMISSION AND RECORDS. Professors T. J. Wilson, Jr., Chairman, Beard, Bradshaw, Carroll, A. W. Hobbs, Husbands, Secretary, Spruill.

ADVISORY. (*elected with terms expiring the year indicated*). 1938: Professors R. E. Coker, Dey, Wettach; 1939: Professors Baity, W. C. Coker, Henderson; 1940: Professors Dashiell, Harrer, Mack.

ATHLETICS. Professors A. W. Hobbs, Chairman, Baity, H. D. Wolf.

AUDITING OF THE PUBLIC FUNDS OF STUDENT ORGANIZATIONS. Professors Bradshaw, Peacock, Mr. Rogerson, Student Members.

BUDGET. Professors A. W. Hobbs, Chairman, Carroll, Pierson, Spruill.

GROUNDS, BUILDINGS, FIELDS, FORESTS, AND LAKE AREA. Professors W. C. Coker, Chairman, Baity, Booker, MacNider, Odum, Mr. Woollen.

CHAPEL. Professors Bradshaw, Chairman, Bernard, Carroll, Mangum, Meyer, Mr. Comer.

COMPILATION OF UNIVERSITY REGULATIONS. Professors Howell, Chairman, Jenkins, Olsen.

COÖPERATION WITH THE ALUMNI. Professors Bernard, Bradshaw, Coates.

COST OF LIVING. Professors Carroll, Chairman, Heer, S. H. Hobbs, M. D. Taylor.

DEBATES. Professors Bernard, Coates, McKie, Williams.

DRAMATICS. Professors Koch, Chairman, McKie.

ENDOWED SCHOLARSHIPS. Professors Carroll, Chairman, Baity, Bradshaw, A. W. Hobbs, Spruill, T. J. Wilson, Jr., Messrs. Saunders, Comer, Rogerson, Lanier.

ENGLISH COMPOSITION. Professors Totten, Chairman, Bailey, Secretary, N. B. Adams, R. W. Adams, Bagby, Beard, Bost, Coffin, Coffman, Farrar, Fussler, Haydon, Cecil Johnson, McCall, MacCarthy, W. B. Sanders, Spruill, Thrall, H. V. Wilson.

EXECUTIVE. (*elected with terms expiring the year indicated*). 1938: Edmister, Hudson; 1939: George, McCall; 1940: Robson, H. D. Wolf.

FACT FINDING. Professors, Totten, Bagby, Bradshaw, Mackie, Spruill, Stoudemire.

FACULTY ADVISERS OF GENERAL COLLEGE. Professors Spruill, Chairman, Hill, Cecil Johnson, Markham, Phillips, S. G. Sanders, Wells, Huddle, Doctor Perry, Messrs. J. A. Barrett, Armstrong.

FACULTY CLUB. Professors Coffman, Chairman, Bagby, McKie, R. W. Linker, Mr. Comer.

FINE ARTS. Professors Bernard, Chairman, Booker, Harland, Haydon, Holmes, Koch.

FOREIGN STUDY. Professors Dey, Chairman, Harrer, Leavitt, Pierson, J. C. Russell, Mr. Grumman.

FRATERNITIES. Professors Lyons, Chairman, Bernard, Bradshaw, Carroll, Peacock, Stoudemire, T. J. Wilson, Jr.

HEALTH AND SANITATION. Professors Berryhill, Chairman, Bullitt, Mr. Woollen.

HOLT SCHOLARSHIPS. Professors A. W. Hobbs, Chairman, Baity, Bost, Bradshaw, Carroll, Mr. Comer.

INSTRUCTION. Professors A. W. Hobbs, Chairman, Pierson, Spruill, Carroll, Bradshaw.

INTELLECTUAL COÖPERATION WITH DUKE UNIVERSITY. Professors Odum, Chairman, W. C. Coker, Downs, Knight, VanHecke.

LOAN FUNDS. Professors Bradshaw, Chairman, Carroll, House, Messrs. Rogerson, Saunders, Grissette, Lanier.

MCNAIR LECTURES. Professors Harrer, Chairman, Henderson, MacNider, Bradshaw, Beale.

PUBLIC OCCASIONS AND CELEBRATIONS. Professors Bradshaw, Dey, Hamilton, Haydon, Henderson, Knight, Koch, Messrs. Madry, Rogerson, Saunders.

REGISTRATION. Deans House, Wilson, the Undergraduate Deans, Messrs. Husbands, Griffin.

REGULATION OF STUDENT DANCES. Professors Bernard, Chairman, R. E. Coker, Dey.

RHODES SCHOLARSHIPS. Professors A. W. Hobbs, Chairman, Bradshaw, House, Spruill, T. J. Wilson, Jr., Mr. Comer.

SELF-HELP. Mr. Comer, Chairman, Professors Bradshaw, Carroll, A. W. Hobbs, House, J. B. Linker, Messrs. Burch, G. M. Hill, Lanier, Saunders.

STUDENT ENTERTAINMENT. Professors Harland, Chairman, Haydon, Koch, with student representatives of the College of Arts and Sciences and the School of Commerce.

STUDENT-FACULTY DAY. Professors Bernard, Bradshaw, Dey, Harland, A. W. Hobbs, Mackie, MacNider, Woodhouse.

STUDENT HEALTH AND PHYSICAL EDUCATION. Professors Cornwell, Chairman, Berryhill, Bradshaw, Fetzer, Mangum, Spruill.

SULLIVAN AWARD. Professors Bradshaw, A. W. Hobbs, House.

TEACHING LOAD. Professors Lasley, Chairman, Dobbins, Fussler, R. J. M. Hobbs, Jordan, Stoudemire.

WEIL LECTURES. Professors Carroll, Chairman, Heath, Robson, Vance, Wettach.

PART TWO

GENERAL INFORMATION

THE UNIVERSITY

FOUNDATION AND GOVERNMENT

The University was established in obedience to the first Constitution of the State, which was adopted in December, 1776. A clause of section XLI declared that "all useful learning shall be duly encouraged and promoted in one or more universities." The charter was granted by the General Assembly in 1789, the cornerstone of the Old East Building was laid in 1793, and the university opened its doors in January, 1795.

By the Constitution adopted in 1868 the General Assembly has "power to provide for the election of Trustees of the University of North Carolina, in whom, when chosen, shall be vested all the privileges, rights, franchises and endowments thereof in anywise granted to or conferred upon the trustees of said University; and the General Assembly may make such provisions, laws and regulations, from time to time, as may be necessary and expedient for the maintenance and management of said University." The Governor of the state is *ex officio* President of the Board of Trustees.

The same Constitution, in connection with "Benefits of the University," further states: The General Assembly shall provide that the benefits of the University, as far as practicable, be extended to the youth of the State free of expense for tuition; also, that all the property which has heretofore accrued to the State, or shall hereafter accrue, from escheats, unclaimed dividends, or distributive shares of the estates of deceased persons, shall be appropriated to the use of the University.

ORGANIZATION AND DEGREES

The University is organized into a General College (which gives the general academic work of the first two years), a College of Arts and Sciences, and eight schools which have jurisdiction over degrees as shown below.

THE COLLEGE OF ARTS AND SCIENCES

- Bachelor of Arts
- Bachelor of Arts in Journalism
- Bachelor of Science in Chemistry
- Bachelor of Science in Geology
- Bachelor of Science in Physics
- Bachelor of Arts and Laws (with the School of Law)
- Bachelor of Science in Medicine (with the School of Medicine)

THE SCHOOL OF COMMERCE
- Bachelor of Science in Commerce
- Bachelor of Science in Commerce and Laws (with the School of Law)

*THE SCHOOL OF ENGINEERING
- Bachelor of Science in Electrical Engineering
- Bachelor of Science in Civil Engineering
- Bachelor of Science in Mechanical Engineering
- Bachelor of Science in Chemical Engineering

THE GRADUATE SCHOOL
- Master of Arts
- Master of Science
- Master of Science in Social Work
- Doctor of Philosophy

THE SCHOOL OF LAW
- Bachelor of Laws
- Doctor of Law
- Bachelor of Arts and Laws (see above)
- Bachelor of Science in Commerce and Laws (see above)

THE SCHOOL OF MEDICINE
- Bachelor of Science in Medicine (see above)

THE SCHOOL OF PHARMACY
- Bachelor of Science in Pharmacy

THE SCHOOL OF LIBRARY SCIENCE
- Bachelor of Arts in Library Science

In the Summer Session are offered many courses for which regular University credit is allowed, including special courses designed primarily for the teachers of the State. Practically all the work offered is of collegiate grade and may be counted towards some degree from the University.

There is also a Division of Extension through which the services of the University Faculty and certain material equipment of the University are made available to the people of the State generally.

THE GENERAL FACULTY OF THE UNIVERSITY

By action of the Trustees of the University the General Faculty includes all members of the University's teaching force above the rank of Instructor and all general administrative officers of the institution. In the President and the General Faculty is vested final authority (under the Trustees) over all matters of University policy and activity.

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* There will be no new enrollments in this school, the resources of the Consolidated University in engineering education being concentrated in the N. C. State College of Agriculture and Engineering.

Under the General Faculty the Colleges and the Schools have separate Faculties and Administrative Boards, which have final authority over matters pertaining solely to such Colleges or Schools.

SCHOLARSHIPS AND OTHER FINANCIAL ASSISTANCE

There are certain endowed scholarships available for students who can show good attainments in scholarship along with definite financial need. Information in regard to them can be secured by writing to Dean R. B. House.

The University has a sum of money which may be loaned to worthy students who can show definite need. Information can be secured from Mr. J. A. Williams.

There are a certain number of positions involving various kinds of work which enable some students to earn a part of their expenses. Information about this can be secured from Mr. Edwin S. Lanier.

Students should not come to the University unless they are able to pay their bills immediately upon registration. All arrangements about payment of bills must be made in advance of registration, whether by way of loans, scholarships, acceptance of notes, or in any other manner.

THE COLLEGE YEAR

The college year is divided into fall, winter, and spring quarters of approximately twelve weeks each, and a summer session divided into two terms of about six weeks each. The School of Law divides its work into two terms instead of three quarters; it conducts a summer session also coinciding in extent with the summer session in academic subjects. There is a Thanksgiving recess of three days, a Christmas recess of approximately two weeks, and a spring recess of about six days.

RELIGIOUS INFLUENCES

Through the coöperation of all concerned, religious influences of unusually effective character surround the University student. Chapel exercises are held in Memorial Hall at ten-thirty o'clock. The Young Men's Christian Association, to which the University makes annual contributions, is of great value in the life of the campus.

The larger denominations of the state have erected at Chapel Hill modern and adequate church plants. The Chapel Hill churches are manned by an effective and coöperative group of pastors, are all located in close proximity to the campus, and play a very large and genuine part in the life of the University.

DISCIPLINE

The University endeavors to make young men manly and self-reliant, and to develop character by educating the conscience. The Faculty may, at their discretion, admonish, suspend, or dismiss students for neglect of duty, or for misconduct. See also under the heading of Student Government.

PHYSICIAL EDUCATION

Hearty encouragement is given to athletic sports and to all kinds of physical culture.

In addition to inter-collegiate athletics the University fosters an unusually extensive program of intra-mural sports, involving over half the undergraduates in a wide variety of games. Complete schedules are played in a variety of individual and team activities, including tennis, golf, fencing, table tennis, bowling, boxing, wrestling, track and field, quoits, tag-football, indoor and outdoor baseball, basketball, and soccer. Intra-mural teams offer every interested student opportunity for participation in some interesting and healthful form of competition with his fellows, for learning team work and good sportsmanship.

Physical education is required of all freshmen in the afternoons twice each week for the year. A course in hygiene is required of all freshmen once each week for the year.

A thorough physical examination is given to students at the time of entrance. All students are classified on the basis of the examination and effort is made to adapt the program to the individual's particular needs. Particular attention is given to various remediable defects and individual programs are built with the idea of improving or correcting the existing condition.

It is hoped that all students can develop sufficient skill in various recreational activities that continued participation in the activity will result.

The program of intercollegiate athletics includes a great variety of seasonal competitive games with the idea of promoting maximum participation by members of the student body.

More advanced courses in physical education are offered to upper classmen who plan to become athletic directors or coaches.

The physical education of women students is under the charge of Mrs. Gladys Angel Beard as Director and a group of administrative officers as a board. Each entering woman student is carefully examined and tested for the purpose of discovering defects and correcting them. Arrangement for this examination is made when the student consults the Adviser to Women. Vigorous exercise and recreation are provided by tennis, archery, dancing, track work, basketball, and hockey; and inter-class competition is encouraged.

MEDICAL ATTENTION

In order to provide proper attention for the student during sickness the University employs three full time physicians and maintains a well appointed infirmary. The infirmary is equipped with all necessary conveniences and comforts, and with a modern X-ray unit and laboratory for diagnostic purposes under the direction of a full time technician. It is under the immediate supervision of the University Physician, and is provided with three experienced nurses. At the discretion of the University Physician a student may be admitted to its wards, and for such services as may be rendered by the staff no charges are made. But should any additional service (consultation, special nurses, operations requiring the attendance of a trained surgeon), recommended by the attending physicain and approved by the parent or guardian, be necessary, the student will be required to pay for such service.

THE DIVISION OF ADMISSIONS AND RECORDS

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President*
Robert Burton House, A.M., *Dean of Administration*
Thomas James Wilson, Jr., Ph.D., *Dean of Admissions*

*THE ADMINISTRATIVE BOARD

Allan Wilson Hobbs, Ph.D.
Dudley deWitt Carroll, M.A.
Francis Foster Bradshaw, Ph.D.
Robert Burton House, A.M.
Corydon Perry Spruill, Jr., A.B., B.Litt.(Oxon.)
Ben Husbands, A.B., *Secretary.*

GENERAL STATEMENT

Since the conclusion of the World War the University has found it necessary in many ways to revise and modify previously existing modes of action. In March, 1920, the University Advisory Committee proposed a more definite organization of separate school or faculties and the establishment of administrative boards for these separate schools. The proposals were adopted.

After about ten years i was generally felt that developments subsequent to the above acton had led to practices not in accord with the plans adopted in 1920. After full investigation and discussion by the Advisory Committee and the Administrative Officers of the University new regulations were proposed to the General Faculty and were adopted.

By these regulations the Special Faculties of Law, Medicine, Pharmacy, Engineering, and of the Graduate School and the Undergraduate Faculty were definitely provided and their jurisdictions, powers, and duties were defined. At the same time were settled the status, powers, and duties of the Administrative Boards of all schools and divisions. See Catalogue for 1930-1931, page 30 and following. Schools organized subsequently have similar arrangements.

The division named at the head of this section was organized in 1931 for the purposes indicated by its title in order still further to organize and make more effective existing agencies. This division was at first appointed (and with a somewhat different personnel) as the Committee on Admissions, with instructions to investigate and discuss conditions along this line and to make a report to the President.

Following the formal report made on the deliberations and recommendations of the above committee the work was felt to be of enough importance to justify the organization of a diviion with a dean and administrative board. In the matter of admissions it is expected that the Administrative Board of this division will at its regular and special meetings continually keep a live and constructive interest in the establishment of policies and plans for improving the quality of our student body.

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* In matters involving any of the Schools of Law, Medicine, Pharmacy, the Graduate School, or the School of Library Science the Dean or Director of the School concerned will sit as an active member of the Administrative Board.

THE DIVISION OF STUDENT WELFARE

GENERAL STATEMENT

The Division of Student Welfare was established to coördinate and promote the work of all University agencies and organizations affecting the welfare of students. Its work is understood to embrace all University relationships with students other than formal instruction. These relationships all have educational significance and are recognized as an integral part of the educational program of the University.

In recent years of University growth many agencies have come into existence to promote in various ways the wholesome growth of students and student life. To relate most effectively the respective functions of such agencies and to focus the entire guidance resources of the institution on the particular needs of students both as individuals and as groups is the responsibility of this division through its Administrative Board.

*THE ADMINISTRATIVE BOARD

Allan Wilson Hobbs
Mrs. Marvin Hendrix Stacy
Dudley deWitt Carroll
Robert Burton House
John Coriden Lyons
William Stanley Bernard
English Bagby
Harry Fulcher Comer
Walter Reece Berryhill
Robert Baker Lawson
Robert Allison Fetzer
J. Maryon Saunders
Livingston Bertram Rogerson
Raymond B. Wolf
Edward McGowan Hedgpeth
Floyd Harris Edmister
Alfred Guy Ivey
Oliver Kelly Cornwell
Harold Diedrich Meyer
Corydon Perry Spruill
Edwin Sidney Lanier
Francis Foster Bradshaw, *Chairman*

Because of the intimate relationship of this division to student life, there is an Advisory Board composed of students appointed annually by the President of the University on the joint nomination of the President of the Student Body and the Chairman of the Board. The following students were appointed for 1937-1938:

John McNeill Smith
James Scott Hunter, Jr.
Joseph Flanner Patterson
Reuben Holmes Graham
Joe Henry Robertson, Jr.
Nancy Nesbit
Robert Marsh Ray
Nicholas Cabell Read
Earl Baker Ruth
William Jeffrey Cole
Robert Nathaniel Magill, *Chairman*

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* The President and the Dean of Admissions are *ex officio* members of this Administrative Board.

STUDENT GOVERNMENT

The student body of the University is self-governing. The functions of this government are both disciplinary and constructive. These functions are exercised by the Student Council and the Class Honor Councils.

THE STUDENT COUNCIL, 1937-1938

Robert Nathaniel Magill, Chairman, *ex officio*
Reuben Holmes Graham, Vice-President
Stuart Keith Eutsler, Secretary
Warren Monroe Haddaway
Robert Ervin Coker, Jr.
Henry Edward Hudson
Charles Clisby Oates
Richard Campbell Worley
James Shook Queen
James Brown Craighill

The Student Council is composed of ten members, as follows: Representatives of the three upper academic classes, one representative from each of the professional schools of Law, Medicine, and Pharmacy, two hold-over members elected by the members of the previous Council, and the President and Vice-President of the Student Body. The members elected on the Council must be chosen from among those who have served on the Council before. The President of the Student Body is *ex officio* Chairman of the Council.

Student government, in so far as it is disciplinary, is based upon the honor principle. No code of rules is laid down to direct a student what to do and what not to do. The only standards are those of morality and gentlemanly conduct. The Student Council is the executive expression of the honor principle. It is the concrete expression of the moral University. Its members being elected of the students by the students, it is grounded upon, and gives expression to, student sentiment. The Council is not an organization of policemen, nor is it based upon a system of espionage. When any student is felt by his fellow students to be unworthy to remain in the University, the Council takes cognizance of this feeling. It examines the matter, finds the facts in the case, and decides upon the course to be pursued. If the student is found guilty of conduct unworthy of a University man, he is promptly required to withdraw from the University. Among the offenses demanding withdrawal may be mentioned drunkenness, cheating, and gambling.

In each of the four undergraduate classes there is a special Class Honor Council of seven men elected by the class and advised by a faculty member appointed by the President on recommendation of the student council. These honor councils are especially responsible for educating the class on the honor system and trying cases of alleged violation. The class council is responsible only for establishing the fact of guilt, the sentence being determined by the student council.

THE UNIVERSITY LIBRARY

*Robert Bingham Downs, A.B., M.S., *Librarian*
Cornelia Spencer Love, A.B., B.L.S., *Chief, Order Department*
Georgia Hicks Faison, A.B., B.L.S., *Chief, Reference Department*
Elizabeth Hardy Thompson, A.B., B.L.S., *Chief, Catalogue Department*
Mary Lindsay Thornton, *Chief, North Carolina Collection*
Alma Stone Skaggs, A.B., A.B. in L.S., *Chief, Periodical Department*
Olan Victor Cook, A.B., A.B. in L.S., *Chief, Circulation Department*
Nellie Roberson, A.B., *Chief, Library Extension Department*
Wendell Wayne Smiley, A.B., A.B. in L.S., *Chief, Documents Department*

The University Library contains more than 350,000 volumes. It is housed in a modern library building completed in 1929. The seating capacity is one thousand readers and the present book capacity is approximately 450,000 volumes. In addition to the resources of the general reference rooms, the Library has a collection of 63,203 bound periodicals, and 3,943 current periodicals, newspapers, and transactions of various societies are currently received, continuing and supplementing the bound sets.

Special collections of importance include the following: Hanes Foundation for the Study of the Origin and Development of the Book, the Southern Historical Collection of 1,500,000 manuscripts, the North Carolina room with 59,000 items relating to this state, the Rural Social Economics collection, the Archibald Henderson Collection of American Drama, the Spanish drama collection of 12,000 titles, and a collection on the Negro. The Library has an extensive bibliographical division and contains a depository card catalogue of the Library of Congress, the John Crerar Library, and the Duke University Library, and partial files of the printed catalogue cards of Harvard College and of the University of Chicago. There is a public documents collection, federal, state, local, and foreign, of 146,059 pieces.

Library funds are expended under the direction of the librarian, the Administrative Board of the Library and Library School, and professors in charge of departments. The annual addition of books from purchase, donations, and exchanges is approximately 20,000 volumes.

There are seminar rooms in the Library to facilitate advanced work in English, German, Greek and Latin, Romance Literatures, and History. For instructors and graduate students 150 individual carrells are available in the bookstacks.

There is a total of eleven departmental libraries. Five of these are in charge of regular attendants: commerce, engineering, law, geology, and rural social economics. The others, botany, chemistry, medicine, music, pharmacy, and zoölogy, are under the supervision of the instructors in those departments and the librarian.

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* Resignation effective July 1, 1938.

THE UNIVERSITY OF NORTH CAROLINA PRESS

William Terry Couch, *Director*

BOARD OF GOVERNORS

William Chambers Coker, Chm'n.
Robert Burton House
Howard Washington Odum
George Coffin Taylor
Frank Porter Graham
Russell Marvin Grumman
Robert Hasley Wettach
Gustave Adolphus Harrer
Rupert Bayless Vance
Charles Walter Tillett, Jr.
Henry McGilbert Wagstaff
Corydon Perry Spruill, Jr.
Edward Mack, Jr.
Leslie Weil

The University of North Carolina Press was incorporated on June 12, 1922. The objects for which it was established are: (1) to publish periodicals devoted to the advancement of learning and produced at the the University by or under the direction of the Faculty; (2) to publish catalogues, bulletins, and other documents pertaining to the University and its various schools and departments; and (3) to promote generally, by publishing deserving works, the advancement of arts and sciences and the development of literature.

The Press was established upon the authority of the Board of Trustees of the University, is a non-stock corporation, is financed in part by the University, and its policies are determined by a Board of Governers drawn from the Faculty and Board of Trustees.

The Press has published twenty-five to thirty books per annum during recent years. The Press also publishes the following periodicals: *The Journal of the Elisha Mitchell Scientific Society; Studies in Philology; The James Sprunt Historical Studies; The High School Journal; Social Forces; The North Carolina Law Review; The University of North Carolina Extension Bulletin; The University News Letter; The University of North Carolina Record.*

The Press office is located in Alumni Building. The agents of the Press for Great Britain and the British Dominions are respectively *The Oxford University Press*, London, for books; *The Cambridge University Press*, London, for periodicals; in Japan *Maruzen-Kabushiki-Kaisha*, Tokyo; in China *Edward Evans & Sons, Ltd.;* in Holland D. B. Centen's *Wetenschappelijke Bockhandel*, Amsterdam; in Europe various booksellers. A complete list of publications issued by the Press will be supplied to any address on request.

THE INSTITUTE FOR RESEARCH IN SOCIAL SCIENCE

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt, *President*
Robert Burton House, A.M., *Dean of Administration*
Howard Washington Odum, Ph.D., LL.D., Litt.D., *Director*
Katharine Jocher, Ph.D., *Assistant Director*

BOARD OF GOVERNORS

Frank Porter Graham
Dudley deWitt Carroll
Margaret Messenger Edwards
Arthur Melville Jordan
Joseph Gregoire deRoulhac Hamilton
Albert Ray Newsome
Howard Washington Odum
William Whatley Pierson
Maurice Taylor VanHecke
Rhett Youmans Winters

RESEARCH STAFF

Ernest Rutherford Groves, A.B., B.D., *Research Professor*
Rupert Bayless Vance, Ph.D., *Research Professor*
Roy Melton Brown, Ph.D., *Research Associate*
Harriet Laura Herring, A.M., *Research Associate*
Katharine Jocher, Ph.D., *Research Associate*
Guy Benton Johnson, Ph.D., *Research Associate*
Harold Loran Geisert, A.M., *Research Assistant*
Francis Sidney Wilder, A.M., *Research Assistant*
Vernon Lane Wharton, A.M., *Junior Research Assistant*
Vincent Heath Whitney, A.M., *Junior Research Assistant*

The Institute for Research in Social Science was organized in 1924 with the appointment by President Harry Woodburn Chase of a Board of Governors composed of representatives from the fields of history, government, economics, sociology, rural social-economics, publications and library administration, and educational psychology. This Board being flexible, new members being recommended by the Board of Governors and appointed by the President, was later augmented to include three representatives from history and government, two from economics, one from the disciplines already mentioned, to which was added the Dean of the School of Law. In 1933, after the organization of the Consolidated University to include the University at Chapel Hill, the Woman's College at Greensboro, and the State College of Agriculture and Engineering at Raleigh, representatives of the last two institutions were added to the Board and began functioning in their capacity of general planning and approval of research programs and budgets.

The present plan of organization of the Institute provides for a Director, an Assistant Director with an assignment as Research Associate, and a central office with an adequate clerical staff through which assistance is rendered to Institute members and faculty members and through which a central coördinating agency has been set up. The research staff of the Institute is composed of full-time research professors, research associates, and research assistants, in addition to part-time assignments made to individuals in accordance with the research programs adopted and followed out from year to year.

The functions of the Institute are threefold. First, to encourage and stimulate research in the social sciences at the University of North Carolina, to discover and develop research personnel, and in particular to map out and plan for a research program through which facilities may be more abundant and coördination and integration more articulate. A second is the specific function of the Board of Governors to plan, legislate, and give general direction to the Institute program. And the third function is assigned to the Director and Assistant Director of the Institute, who, with the President of the University, are authorized to carry on details of administration, to supervise any general research activities and projects coming under the direction of the Institute, and to coöperate with particular faculty members or other directors of specific research projects.

The relation of the Institute to the University is more nearly analogous to the schools and major divisions of the institution than is any other similar organization. Its research professors and research associates have the rank of professors and associate professors in the University with all their privileges and obligations, but with the general allocation of not less than two-thirds time devoted to research with one-third time devoted to teaching. The principal sources of financial support have been the Laura Spelman Rockefeller Memorial and the Rockefeller Foundation, with additional funds from other agencies and individuals, with specially allotted funds on occasion, and from the University. There have been substantial returns from the Institute's publications of which some 60,000 copies have been sold.

Types of research aid have extended over a wide range. Due to a "planned" research program for a particular state and regional setting with particular opportunities, one of the first needs was to provide research specialists for certain fields, to give them desirable status, and to provide adequate assistance for them. Closely correlated with this, a second type of research aid is that of research assistants, on annual appointment, whose function it is to aid either research professors and associates or to be assigned to aid other university professors in the prosecution of research projects accepted by the Institute. The duties of these research assistants are clearly differentiated from those of university fellows in that the assistant's task is to help in a particular problem to which he is assigned as opposed to the principle of the fellowship in which the money is allocated to the individual to help him in his work. A third type of assistance is that rendered to individual professors in any of the departments of social science in the prosecution of scholarly research or publication.

The studies and materials of the Institute over a ten-year period have been grouped for practical purposes under four main categories, with the following number of titles, either published or in manuscript form, classified according to each division: economic and industrial studies—29 manuscripts and published volumes and 21 published articles; history and regional culture studies—26 and 14; the Negro and folk-regional background—40 and 34; social problems and social policy—67 and 21. The objectives and ideals of the Institute are projected with a view to as much cultural inventory of the State and region as is possible, featuring what might be called a demographic approach, in which the several disciplines would be combined rather than in specializing in the several social science disciplines. If the research staff, over the ten-year period following 1924, be classified according to disciplines, the following is an approximate grouping: economics 17, sociology 14, history and government 8, education 7, rural social-economics 7, law 4, with one or two folk studies assigned in connection with the Department of English.

The policy underlying the general planning and execution of research programs and projects has tended to emphasize, in addition to the state and regional laboratory factors, long-time research, susceptible, however, to units available for shorter-time completion. Although projects are selected with a dominance of state and regional subjects, priority is given to those subjects which would have generic value in both the practical results and the possible methodology which might be evolved.

Additional information and application blanks for appointment to research assistantships may be obtained by writing to the INSTITUTE FOR RESEARCH IN SOCIAL SCIENCE, The University of North Carolina, Chapel Hill, North Carolina.

THE FOLKLORE COUNCIL

Russell Marvin Grumman, *Director*
Ralph Steele Boggs, *Archivist*
Robert White Linker, *Secretary-Treasurer*

*EXECUTIVE COMMITTEE

Felix Alexander Grisette
Robert Burton House
Glen Haydon
Arthur Palmer Hudson
Russell Train Smith

**ADVISORY BOARD

Eston Everett Ericson
Paul Green
Frank Porter Graham
Richard Jente
Guy Benton Johnson
Frederick Henry Koch
Phillips Russell

The Folklore Council was organized in September, 1935, to promote the coöperation and coördination of all those interested in folklore, and to encourage the collecting and preserving, the study and interpretation, the active perpetuation and dissemination of all phases of folklore. Folklore is defined by the Council as embracing all cultural aspects of folk life.

The Council represents a reorganization of The Institute of Folk Music, which was started in September, 1931, and which now becomes a division of the Council. It was found that there was need for a comprehensive organization to unify and stimulate the variety of interests in folklore represented in the membership of the former Institute of Folk Music. There is at present one Division of the Council, namely: The Institute of Folk Music.

THE INSTITUTE OF FOLK MUSIC

Glen Haydon, *Chairman*
Richard Chase, *Field Representative*

Advisory Board

Phillips Barry
Mrs. John P. Buchanan
Mrs. Eugene Davis
Paul Green
Isaac Garfield Greer
George Pullen Jackson
George Lyman Kittredge
John Powell
Joseph Hyde Pratt
Helen Roberts
Phillips Russell
Jan Philip Schinhan
Josephine Sharkey
Reed Smith
Lamar Stringfield
Winston Wilkinson

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* The three general officers named above are members of the Executive Committee.
** All members of the full Executive Committee are members of the Advisory Board.

The Work of the Institute

The Institute of Folk Music was originated for the purpose of developing creative music distinctly American. Its work is divided into the following phases: 1. Research: discovering, collecting, and publishing native folk-music; 2. Educational work: (a) teaching traditional songs and dances in schools and communities, (b) organizing county folk festivals and "old-time-music" conventions, (c) publishing English and American folk songs and folk dances for educational and social use in schools and communities; 3. Creative composition based on folk music.

The Annual Dogwood Festival and the North Carolina Symphony Society were initiated by the Institute of Folk Music. These organizations are now independently incorporated but continue to work in close coöperation with the Institute. The program of the Dogwood Festival is largely a culmination of activities of the Institute.

The University of North Carolina Press is publishing a book on "Traditional Ballads, Songs, and Singing Games," by Richard Chase.

PUBLIC LECTURERS

THE JOHN CALVIN McNAIR LECTURES

Gustave A. Harrer, *Chairman*

This lectureship was founded through a bequest, made by the Rev. John Calvin McNair of the class of 1849, which became available to the University in 1906. In the year 1908 the series of lectures was inaugurated by Francis H. Smith, Emeritus Professor of Physics in the University of Virginia. The plan and purpose of the lectures are stated in the will which reads: "They shall employ some able Scientific Gentleman to deliver before all the students then in attendance at said University a course of Lectures the object of which Lectures shall be to show the mutual bearing of Science and Theology upon each other and to prove the existence and attributes, as far as may be, of God from Nature. The Lectures, which must be prepared by a member of some one of the Evangelic denominations of Christians, must be published within twelve months after delivery, either in phamplet or book form."

The lectures for 1937 were delivered by Professor George F. Thomas, Ph.D., of Dartmouth College, upon the subject: Spirit, Its Freedom and Power. The lectures were as follows:

1. The Nature of Spirit.
2. The Spirit and its Freedom.
3. The Spiritual Basis of Democracy.

THE WEIL LECTURES

Dudley deWitt Carroll, *Chairman*

During the years 1914-1915 an unendowed lectureship on American Citizenship was established by the University. The first incumbent was ex-president William Howard Taft, who lectured on "The Presidency: Powers, Duties, Obligations, and Responsibilities." Since that time this foundation, named the Weil Lectures on American Citizenship, has been permanently established through the generosity of the families of Mr. Sol Weil and Mr. Henry Weil, of Goldsboro, N. C.

UNIVERSITY ORGANIZATIONS

Below are listed the various organizations in the University in which students find opportunities of advantage outside their regular academic or professional work. Those who are interested are urged to investigate these organizations.

THE SENATE OF THE DIALECTIC LITERARY SOCIETY AND THE GENERAL ASSEMBLY OF THE PHILANTHROPIC LITERARY SOCIETY

The Dialectic and the Philanthropic Literary Societies were organized in 1795, the year of the opening of the University. Their existence has been inseparably linked with that of the University and they have shown remarkable power in developing character, as well as in training the intellect. They offer facilities for practice in debate, oratory, and essay writing; and their members become familiar with parliamentary law and procedure.

In 1919 the Philanthropic Society was reorganized on the plan of the General Assembly of the State and changed its name accordingly. Similarly in 1924 the Dialectic Society after reorganization became the Dialectic Senate.

THE ELISHA MITCHELL SCIENTIFIC SOCIETY

The Elisha Mitchell Scientific Society holds monthly meetings during the college year for the discussion of scientific subjects. A *Journal*, which is the official organ of the Society and of the North Carolina Academy of Science, is issued quarterly. The objects of the society are to encourage scientific research and to record the results of such work, especially those that pertain to the natural history of the State. It is now in its fifty-fourth year. The volumes already issued contain more than six thousand pages. By the exchange of the *Journal* with more than three hundred scientific journals and periodicals many thousands of books and pamphlets have been collected, all of which are arranged in the University Library. The membership is at present restricted to the faculty and students of the University, and members of the staff of the State Department of Conservation and Development.

THE PHILOLOGICAL CLUB

The Philological Club meets in the lounge of the Graduate Club on the first Tuesday evening of each month during the college year. Its membership consists of the faculty and advanced students in the departments of language and literature of the University. The objects of the club are to stimulate original investigation in language and literature and to afford an opportunity for the interchange of views on subjects relating to such work. At each meeting papers are read and discussed.

DER DEUTSCHE VEREIN

The Verein was established for the purpose of maintaining and stimulating among the officers and students of the University interest in German literature and music, life and customs, progress and achievements. The aim is to employ the German language as much as possible. The effort is made to provide students of German with an opportunity to perfect their pronunciation and to improve their control of the spoken language.

LE CERCLE FRANCAIS

Le Cercle Français holds bi-monthly meetings at which topics of general interest pertaining to French literature and French life, manners, and customs are discussed. The French language is employed exclusively. It is the aim of the club to stimulate interest in the French language, and to provide its members with an opportunity to hear idiomatic French spoken and to use the language with more facility. All officers and students of the University interested in the study of French are eligible for membership.

EL CLUB ESPAÑOL

The membership of *El Club Español* consists of students of the University who are interested in Spanish. The object of the club is to stimulate interest in the language, literature, and customs of Spain, and to give its members an opportunity to hear and speak Spanish.

THE NORTH CAROLINA CLUB

The North Carolina Club was organized September 25, 1914, for the purpose of providing an open forum to review, interpret, and discuss the economic, social, and civic problems of the State. It is an organization composed of students and faculty members who are bent upon accurate, intimate acquaintance with North Carolina. The Club meets for an hour upon fortnightly Monday evenings for the reading and discussion of a paper prepared by a member for each meeting.

AMERICAN SOCIETY OF CIVIL ENGINEERS

The William Cain Student Chapter

The purposes of the Chapter are to afford the student in Civil Engineering practice in the preparation and presentation of engineering papers, to give a working knowledge of parliamentary law, to develop the ability to speak extemporaneously, and to provide a contact between students, faculty, and visiting engineers.

Membership is open to all students of the Division of Civil Engineering.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

The University of North Carolina Branch

The aims of the Branch are to stimulate interest in modern problems in the various fields of electrical engineering, and to acquaint the student with the profession he is preparing to enter by means of papers presented by student members and practising engineers.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

The University of North Carolina Branch

The object of the Branch is to assist the student, while receiving training in preparation to practise the profession of mechanical engineering, to gain a proper perspective of engineering work by enabling him to become acquainted with the personnel and problems of those actively engaged in this profession.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

The University of North Carolina Student Chapter

The Chapter holds fortnightly meetings at which problems of interest to the chemical engineer are discussed by guest speakers. The Chapter sponsors Chemical Engineers' Day on which occasion a series of seminars and public lectures is presented by distinguished visiting chemical engineers. Membership is open to all students interested in chemical engineering.

MUSICAL ORGANIZATIONS

The Department of Music extends its facilities with respect to both faculty and equipment to the support of the musical organizations. In addition a collection of records, scores, books on music, together with phonographs for audition purposes are accessible to all students of the University during certain hours daily; and provision is made for the reception of the weekly broadcasts of symphonies, operas, and other important programs.

The Hill Music Auditorium, seating eight hundred people, with its four manual concert organ, is the home of recitals and concerts by faculty members, students in the department of music, and visiting artists. The Vesper Organ Recitals are given on Sunday afternoons throughout the academic year by Professor Jan Philip Schinhan.

The University Glee Clubs

These organizations are open to all students of the University. The work in the Men's Glee Club and in the Women's Glee Club is carried on as a part of the curriculum in Music. Each group devotes its time to the study and performance of appropriate vocal literature and the schedule is so arranged that the two groups may join forces for the interpretation of compositions for a mixed chorus. Provision is made for frequent concert appearances of these organizations.

The Chapel Hill Choral Club

The Chapel Hill Choral Club, an informal organization of students, faculty, and townspeople, gives two or three performances each year. In recent years such works as Bach's Christmas Oratorio and Schubert's Mass in E Flat have been given. Rehearsals are held each Monday evening.

The University Symphony Orchestra

The personnel of this organization includes students, faculty, and townspeople. The rehearsals are devoted to the study of standard symphonic literature and several concerts with instrumental and vocal soloists as assisting artists are given during the year. For details concerning credit in orchestra for regularly enrolled students, see the announcement of the Music Department.

The University Band

The band is organized as a regular course in the Music Department and devoted to the study and performance of the standard musical literature for this type of ensemble group. In addition, especially during the fall quarter, the band coöperates with the Athletic Association in providing music for the football games, and usually makes one or more trips with the team. During the winter and spring quarters, as conditions permit, concert tours throughout the state are arranged.

Alpha Rho Chapter of Phi Mu Alpha (Sinfonia)

This chapter of the national honorary musical fraternity is composed of students of music, and such other students and faculty members as reveal particular interest in the participation in musical performance. The members of the chapter act as hosts for all musical events occurring in Hill Music Hall throughout the year. In order to create a fund from which scholarships for worthy students of music may accrue, the Alpha Rho chapter of Sinfonia sponsors each year a concert by a world-famous musical artist.

THE CAROLINA PLAYMAKERS

The Carolina Playmakers is the University dramatic organization. Its purpose, as set down in the Charter, is: "First, to promote and encourage dramatic art, especially by the production and publishing of plays; Second, to serve as an experimental theatre for the development of plays representative of the traditions and present-day life of the people; Third to extend its influences in the establishment of a native theater in other communities." It is incorporated under the laws of the State of North Carolina as a non-stock corporation.

The Carolina Folk-Plays and other plays of American locale are written and produced in the University courses in Dramatic Composition and Production, members of the community of Chapel Hill —students, faculty, and townspeople—assisting. Those who contribute to the writing or producing of the plays constitute the membership of the organization. Any student may participate in any of the various departments of the work.

The Playmakers now have their own theatre building on the campus, fully equipped for all manner of experimentation and production. Besides this, their Forest Theatre furnishes an ideal setting for out-of-door productions. They have an adequate workshop for the construction and painting of scenery and for the making of costumes.

The large stage in the University auditorium, Memorial Hall, provides ample facilities for traveling professional companies.

YOUNG MEN'S CHRISTIAN ASSOCIATION

The Young Men's Christian Association is an organization of students which seeks by precept and example to encourage right and wholesome Christian living. In this spirit it endeavors to extend a helping and active influence to every sphere of campus activity.

Not unaware of its essentially religious nature, it strives in every feasible way to make the religion of the campus very real and very genuine, and to uphold the Christian life as the ideal in conduct, thought, and temperament for every man. To those who are so inclined it offers unlimited opportunity for religious service and personal growth.

The Association has very greatly enlarged its program and staff in the past five years, keeping step with progress in all other departments of the University, and with the increase in student enrollment.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

The Young Women's Christian Association is a voluntary organization for women students in the University. It is a religious, social, and welfare agency to give opportunity for the individual's development in these extra-curricular areas and to provide specific service to women students. This Association was organized early in 1936 and is affiliated with the Student Young Women's Christian Association movement in the United States. With their duly elected staff of officers and advisory board, the Y. W. C. A. has its regular Cabinet meetings weekly and a public program fortnightly, in addition to a number of committees working on various service projects. All women students in the University are eligible to membership.

EXPENSES

The University reserves the right to make, with the approval of the proper authorities, changes in any fees at any time.

Tuition and Other Fees for Each Quarter

Each student whose *bona fide* residence has not been established in North Carolina for at least the six months immediately prior to his first registration in the University must pay an extra fee of $33.34 for each fall, winter, or spring quarter he spends in residence. The residence of a minor is that of his parents or guardian. The residence of an adult remains with his parents unless he shall have independently set up his own.

Bona fide residence means that the student is not in North Carolina primarily to attend the University and that his status as a resident has not been set up merely as a technical bar to the extra charge. Mere ownership of property or payment of taxes apart from residence does not qualify one as a resident; nor may a student qualify by living in North Carolina the six months immediately prior to his first registration unless he continues so to live during the whole period of his stay at the University.

Students are presumed to know their correct residence status and to state the facts concerning it truthfully on their registration blanks. Students in doubt should appeal their cases in writing to the Dean of Administration, preferably in advance of registration. Students who misrepresent the facts of their residence status for the purpose of defrauding the University will be dealt with as are all other violators of the honor code.

The fees payable at the beginning of each quarter are shown below. For fees in the professional schools and in the Graduate School see the special catalogues.

College of Arts and Sciences:	Residents of North Carolina
Tuition	$25.00
*Matriculation	20.00
**Student Publications	2.30
Laundry Deposit	8.50
Student Union fee	1.00
Student Entertainment fee	1.00
Total for each quarter	$57.80

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* This fee includes fee for physical education, the library fee, the fee for infirmary service, the fee or debates, the fee for registration costs, and membership fee in the Athletic Association.

** This fee includes the following items: Daily Tar Heel $1.28, Yackety Yack .54, Buccaneer .23, and the Carolina Magazine .25.

School of Commerce:

Tuition	$25.00
*Matriculation	20.00
**Student Publications	2.30
Laundry Deposit	8.50
Student Union Fee	1.00
Special Library, Lecture, and Materials Fee	2.00
Student Entertainment Fee	1.00
	$59.80

General College:
Same as for Arts and Sciences.

DELAYED REGISTRATION: The penalty for delayed registration for any quarter is one month of strict attendance probation for each day of delay. Any student registering later than the time appointed for his registration must pay five dollars ($5.00) as an additional fee for delayed registration. *No appeal from either attendance probation or the late registration charge of five dollars will be granted, unless the delay is due to circumstances clearly beyond the student's control.* Such an appeal must be made in writing to the Dean of Administration, must show clearly good and sufficient justification for the delay in registering, and must bear the approval of the Dean of the division of the University in which the appellant is enrolled.

LAUNDRY DEPOSIT: Students will be required to send their washing to the University Laundry for which a deposit will be collected at the time of registration.

LABORATORY FEES: Each student taking a laboratory course must pay, in addition to his tuition fee, a small fee for power or materials used in the laboratory. The fees for the various laboratory courses are shown in connection with the descriptions of the courses.

TRANSCRIPTS OF RECORD: One transcript will be furnished without charge. Additional transcripts will be furnished only upon payment of $1.00 for each copy.

GRADUATION FEE: The graduation fee is $5.00, payable when application for the degree is made.

Dormitory Accommodations for Men

Accommodations for approximately fourteen hundred students are available in the University dormitories.

All rooms in the dormitories are completely furnished. Students will, however, provide their own pillows, bed linen (for single beds), blankets, and towels.

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* This fee includes fee for physical education, the library fee, the fee for infirmary service, the fee for debates, the fee for registration costs, and membership fee in the Athletic Association.

** This fee includes the following items: Daily Tar Heel $1.28, Yackety Yack .54, Buccaneer .23 and Carolina Magazine .25.

Room rent ranges from $5.50 to $15.00 a month for each occupant, the price depending upon the location of the room. This charge includes light, heat, and service. Rooms are leased for the scholastic year. See p. 68 for assignment of rooms.

Dormitory Accomodations for Women

The Cornelia Phillips Spencer Building, the New Woman's Building, and Archer House are the residence halls for women. Spencer Hall and Archer House are reserved for undergraduates. The New Womans Building may be occupied by both undergraduates and graduates. Women students not living in their own homes are required to reside in a dormitory unless permission to live elsewhere is granted by the Adviser to Women. Ordinarily such permission is granted in exceptional cases only.

Application for a room should be made to the Adviser to Women, and should be accompanied by a deposit of six dollars.

Rooms are rented upon the basis of the entire scholastic year of three quarters. Payment is made in three instalments which are due September first, January first, and March fifteenth. The amount of each instalment is determined by the annual rental price of the room and the length of each quarter. The room deposit of six dollars is not credited on the fall quarter instalment, but is credited on the winter and spring quarter instalments.

Residents of Spencer Hall are required to board there. Residents of the New Woman's Building are given preference for vacancies in Spencer Hall dining room, but are privileged to board at any of the available boarding places.

All rooms are completely furnished. Students are required to provide, however, pillows, bed linen (for single beds), blankets, and towels.

The cost of room and board and details concerning payments may be found in the Handbook for Women Students or by correspondence with Mrs. M. H. Stacy, Adviser to Women.

PECUNIARY AID

FELLOWSHIPS AND SCHOLARSHIPS

THE LEDOUX FELLOWSHIP IN CHEMISTRY. (Established in 1911 by Dr. Albert R. Ledoux). The holder is expected to devote himself to research in chemistry. This fellowship is endowed, and yields $300 annually.

THE GRAHAM KENAN FELLOWSHIP IN PHILOSOPHY. (Established in 1921 by Mrs. Graham Kenan). A fellowship supported by the income from an endowment of twenty-five thousand dollars, in memory of an alumnus and trustee of the University. This fellowship is awarded annually by Professor Henry Horace Williams.

THE MOORE SCHOLARSHIPS. (Established in 1881). Bartholomew Figures Moore, of Raleigh, bequeathed $5,000, the interest of which shall be devoted to paying the tuition of students.

THE MARY RUFFIN SMITH SCHOLARSHIPS (Established in 1885). Miss Mary Ruffin Smith bequeathed to the University in memory of her brother, Dr. Francis Jones Smith, a valuable tract of land in Chatham County of 1,460 acres, known as Jones' Grove. The will provides that rents of the land, or the interest on the purchase money if sold, shall be used to pay the tuition of such poor students as the Faculty shall appoint.

THE MARY ANN SMITH SCHOLARSHIPS. (Established in 1891). Miss Mary Ann Smith bequeathed $37,000 for the foundation of scholarships, the number of scholarships to be determined by the amount of the income.

THE CAMERON SCHOLARSHIPS. (Established in 1892). The heirs of Paul Carrington Cameron founded in his memory ten scholarships of the value of $75 each.

THE SPEIGHT SCHOLARSHIPS. (Established in 1892). The late Mrs. Mary Shepherd Speight bequeathed $10,000 to the University. The income shall be used to pay the tuition of needy students; but if tuition is ever made free, the income shall be used toward paying the salaries of professors.

THE WOOD SCHOLARSHIP. (Established in 1892). Mrs. Mary Sprunt Wood, of Wilmington, has founded, in memory of her late husband, Dr. Thomas Fanning Wood, a scholarship of the value of $75.

THE WEIL SCHOLARSHIP. (Established in 1898). A fund established by Mr. Henry Weil, of Goldsboro, furnishes one scholarship of the value of $75.

THE ARMFIELD SCHOLARSHIPS. (Established in 1901 and 1904). These scholarships were founded by the generosity of the late Mr. Eugene M. Armfield, of High Point, N. C., a member of the class of 1888.

THE KENNETH MURCHISON SCHOLARSHIPS. (Established in 1904). These scholarships have been founded by Mrs. Shirley Carter, of Baltimore, Md., and the late Mrs. James Sprunt, of Wilmington, N. C., in memory of their father. They are awarded by the founders.

THE DONALD FAIRFAX RAY SCHOLARSHIP. (Established in 1919). Mrs. N. W. Ray, of Fayetteville, N. C., has established this scholarship in memory of her son, Donald Fairfax Ray, a graduate of the University, who died while in the service of his country.

THE HOLT SCHOLARSHIPS. (Established in 1920). Four scholarships are maintained by the income from the Holt Loan Fund, established by Mr. Lawrence S. Holt, Jr. They are awarded by the Committee on the Holt Fund, to a member of each of the four classes in the Academic Department. Applications are considered after the opening of the University in the fall.

THE ALUMNI SCHOLARSHIPS. These scholarships have been established by the gifts of Alumni, and they vary in stipends according to the funds in hand.

THE R. H. LEWIS SCHOLARSHIPS. Four scholarships, endowed by the University Gymnasium Association, and called The R. H. Lewis Scholarships, are assigned by the President, and are good for tuition in the Academic Department.

THE MRS. AUGUSTUS H. JONES SCHOLARSHIP was created by a gift of two thousand dollars from Mrs. James H. Parker, of New York City, the income to be used for one scholarship. The recipient of this scholarship is to be designated by Mrs. James H. Parker during her life and thereafter upon the recommendation of the New York Chapter of the United Daughters of the Confederacy. Failing this recommendation from either source, appointment is to be made by the President of the University, preference being given first to relations of the late Dr. James H. Parker, of New York, and second to relations of the donor.

THE GEORGE NEWBY TOMS SCHOLARSHIPS. (Established 1926). Mr. C. W. Toms, in memory of his son, George Newby Toms, has granted the income from a fund of $5,000 as scholarships to worthy students, preference being given to students from Durham and Perquimans counties in North Carolina.

THE MARY K. BROWN MEMORIAL SCHOLARSHIP. This scholarship was established in 1931 by Mrs. James M. Brown in memory of her daughter who served with unusual devotion as secretary of the School of Commerce of the University for several years. This scholarship is awarded to a worthy student who is dependent upon his own efforts to secure an education.

THE JOSEPH LEWIS GRAHAM MEMORIAL AWARD. (Established in 1934). This award is made annually by Mr. John S. Graham of Winston-Salem in memory of his father, Mr. Joseph Lewis Graham, a business and civic leader in his community. The recipient of the award of $400 must be a rising senior in the School of Commerce who in the judgment of the staff of the school gives best promise of successful business leadership.

THE GENERAL ROBERT RANSOM SCHOLARSHIP. This scholarship to the value of $200 is awarded each year to a lineal descendant of a Confederate Veteran. It is awarded and controlled by the United Daughters of the Confederacy in North Carolina.

THE JEFFERSON DAVIS ESSAY SCHOLARSHIP. Awarded each year by the United Daughters of the Confederacy in North Carolina to the high school graduate who writes the best essay on Jefferson Davis. Value $200.

WILLIAM BLOUNT RODMAN SCHOLARSHIPS. Two scholarships assigned to students at the University from the memorial trust fund created by Colonel W. B. Rodman in memory of his father, William Blount Rodman. They are assigned by the State Superintendent of Public Instruction, Trustee of the fund.

THE DANIEL G. FOWLE SCHOLARSHIP. One scholarship, founded in 1928 by Mrs. Walter F. Stearns (Mary H. Fowle) in memory of her father, Governor Daniel G. Fowle. Mrs. Stearns reserves the right to award the scholarship to a member of her own family; otherwise it will be awarded by the Superintendent of the Raleigh Schools and the Principal of the Raleigh High School to one Raleigh student on the basis of merit, character, and scholarship. Value annually $100.

THE GRAIL SCHOLARSHIP. One scholarship is maintained by the interest from the Grail Loan Fund, and is awarded each fall to that member of the entering class who as a senior in a North Carolina high school made the highest score on the state-wide examination conducted by the North Carolina College Conference.

None of these scholarships is open to students in the Schools of Law, Medicine, Pharmacy, and Library Science. For scholarships open to students in these Schools, please see the special bulletins of the schools.

This list does not include certain annual contributions for scholarships, which are not on an endowment basis.

All applications for scholarships must be filed in the office of the Dean of Administration on or before April fifteenth, and must be in the regular form prescribed by the University. Blank forms are supplied on application to Dean R. B. House.

FREE TUITION

Free tuition is given to indigent residents of North Carolina who are also under bodily infirmity.

LOAN FUNDS

THE DEEMS FUND. (Established in 1879). A fund of $600 was established by Rev. Charles Force Deems, D.D., late pastor of the Church of the Strangers, New York City, formerly a professor in the University, in memory of his son, Lieut. Theodore Disosway Deems. In 1881 the gift was greatly enlarged through the munificence of Mr. William H. Vanderbilt by a gift of $10,000 "as an addition to the Deems fund, to be loaned to indigent students of the University."

THE MARTIN FUND. This fund has been established by the bequest of Mr. Thomas D. Martin, of Raleigh. Only the interest of the fund can be used for loans. It became available during the session of 1908-1909.

THE HOGUE FUND. A fund of $4,000 has been established by the Rev. R. W. Hogue, of Baltimore, the income from which is to be loaned to worthy students in the University.

THE HEWITT FUND. A fund of $18,700 was established in 1916 by the bequest of Mr. Joseph Henry Hewitt, of Princess Anne County, Virginia. Only the income from this fund can be used for loans to "needy and deserving students" of the University. This fund became available during the session of 1919-1920.

THE HOLT FUND. A fund of $10,000 has been established by Mr. Lawrence S. Holt, Jr., of Burlington. The principal of this fund is to be loaned to "worthy and needy students of the University." The income from this fund is to be used in establishing four scholarships in the University. It became available during the session of 1920-1921.

THE VICTOR S. BRYANT FUND. A fund of $7,500 has been established by the bequest of Mr. Victor S. Bryant, of Durham. The principal and the interest of this fund can be used for loans to "worthy and needy young men" at the University. This fund became available during the session of 1920-1921.

THE MASONIC LOAN FUND. A fund of $1,250 has been established by the Grand Lodge of Masons, the Grand Chapter of Royal Arch Masons, and the Grand Commandery of Knights Templar of North Carolina, for the purpose of "assisting worthy boys and girls to secure an education." The principal of this fund is loaned, and the interest is added thereto. The fund became available in the fall of 1922, and has since been increased.

THE SEELY FUND. A fund of $1,000 has been established by Mr. F. L. Seely, of Asheville, the principal of which is to be loaned to worthy and needy students, and the income therefrom to be added to the principal. This fund became available during the fall of 1922.

THE E. S. BLACKWOOD MEMORIAL LOAN FUND, created by bequest of Miss Katherine B. Blackwood, of New York City. This fund consists of $10,000 "to be used as a loan fund for needy students." This fund is administered in the same manner as the Deems fund.

THE A. B. ANDREWS LOAN FUND. In May, 1925, the five children of the late Colonel A. B. Andrews (William J. Andrews, class of 1891; Alexander B. Andrews, class of 1893; Mrs. W. M. Marks; John H. Andrews, class of 1897, and Graham H. Andrews, class of 1903) established a fund of $2,500 of which the principal and interest are to be loaned to worthy students. This fund has been increased to $4,500 through the subsequent gifts from Mr. Alexander B. Andrews, of Raleigh, N. C. The A. B. Andrews Loan Fund is administered as are other loan funds from the University and is established as a memorial to Colonel A. B. Andrews, a noted railroad builder in North Carolina and a Trustee of the University. It is requested by the donors that assistance from this fund be rendered first to students from those counties of North Carolina in which Colonel Andrews built railroads and second to those counties through which lines of the S. A. L., Norfolk-Southern, and Southern railway systems run.

THE J. E. LEAR FUND. This fund of $5,244 became available in 1924 as a fund upon which students in the School of Engineering, especially students in electrical engineering, would have first claim. The fund was the result of installation work done by the senior class in electrical engineering under the supervision of Professor J. E. Lear.

THE JOSEPH E. POGUE LOAN FUND. The fund of $1,000 was presented to the University in April, 1930, by Mrs. Joseph E. Pogue as a memorial to her husband, the late Mr. Joseph E. Pogue, the fund to be known as the Joseph E. Pogue Loan Fund. The principal and interest are to be loaned to deserving students.

THE EDMONDS LOAN FUND. The fund of a little over $800 has been set up by the Class of 1910 as a memorial to W. R. Edmonds, a member of that class.

GRAIL LOAN FUND. In June, 1930, the Order of the Grail, an undergraduate organization at the University of North Carolina, gave $1,400 to be known as the Grail Loan Fund. The principal of this fund is to be loaned to worthy students and the income is to be used as the Grail Scholarship. This scholarship, at present a cash award of $60, is to be made each fall to that member of the entering class who as a senior in a North Carolina high school made the highest score on the annual State-wide examination conducted by the North Carolina College Conference.

THE ALUMNI LOYALTY LOAN FUND. Established on June 30, 1930, by the advance of $12,200.00 out of the Alumni Loyalty Fund.

THE ALDEN JOSEPH BLETHEN III MEMORIAL LENDING FUND. During the fall of 1930, Col. C. B. Blethen, of Seattle, Wash., gave $2,000 to be known as the Alden Joseph Blethen III Memorial Lending Fund. This he did as a memorial to his son, A. J. Blethen III, a member of the Class of 1934. The principal of the fund is to be loaned to deserving students.

THE ROCKINGHAM COUNTY ALUMNI LOAN FUND. A fund of $713.32 advanced by the Rockingham County Alumni Association, available since January 11, 1932. It may be recalled by the lender as it may desire.

ESCHEATS FUND. According to State law, clerks of court are directed to forward to the University money included in estates for which no heir can be discovered. For these funds the University is merely custodian for a period of years during which any heir discovered may legally claim the funds. During this period the money is placed in the Student Loan Funds as a temporary investment.

THE CHARLES L. COON MEMORIAL LOAN FUND. A fund of $615.00 established by the administrators of the Charles L. Coon Memorial Loan Fund of Wilson, North Carolina, in September, 1934. The funds to be loaned to graduates of the Charles L. Coon High School of Wilson, North Carolina, upon the written approval of the Superintendent and the Chairman of the Board of Trustees of said high school.

THE CHARLOTTE KIWANIS CLUB LOAN FUND. A fund of $325.00 established by the Kiwanis Club of Charlotte, North Carolina, in 1935. Loans to be made to students from Mecklenburg County, North Carolina, who have successfully completed at least two years of college work at the University, and who have the written approval of the loan committee of the Charlotte Kiwanis Club.

THE JOHN B. WEAVER LOAN FUND. A fund of $1,125 established by Dr. William Jackson Weaver of Asheville, North Carolina, in memory of his father, John B. Weaver. This fund became available July 6, 1937, and is administered under the same terms and conditions as the Deems Fund.

The Emergency Student Loan Fund

In the winter and spring of 1932, the University confronted a genuine emergency growing out of an announced reduction of state appropriations by 30%, and the fact that between five hundred and seven hundred students were without funds with which to continue their course. When this situation was presented by President Graham, students ($2,057.14), faculty ($2,035.38), the people and community organizations of Chapel Hill ($970.22), various chapters of the D. A. R., U. D. C., and other committees of women, began building a student loan fund. Alumni and friends of the University everywhere contributed to raise the total of new loan resources to $109,000.00, known collectively as "The Emergency Student Loan Fund." The portions of that fund which for some appropriate reason were separately established are listed below. Unless otherwise indicated, the funds are loaned on the same terms as is the Deems Fund.

THE W. C. COKER LOAN FUND. A fund of $500.00 established February 2, 1932, by Dr. W. C. Coker, head of the Department of Botany of the University.

THE JESSIE KENAN WISE LOAN FUNDS. A loan fund of $25,000.00 established February 4, 1932, by Mrs. Jessie Kenan Wise, of Wilmington, N. C., and another loan fund of $47,000.00 in securities, the income from which may be loaned to students immediately, and the principal may be similarly used when available through the sale of the securities as opportunity for sale on favorable terms may arise.

THE BURTON CRAIGE LOAN FUND. A fund of $1,000.00 established February 6, 1932, by Mr. Burton Craige, 1897, of Winston-Salem, N. C.

THE JAMES A. GRAY LOAN FUND. A fund of $500.00 established February 15, 1932, by Mr. James A. Gray, '08, of Winston-Salem, N. C.

THE BLAIR LOAN FUND. A fund of $500.00 established March 2, 1932, by Col. David H. Blair, '98, and Mrs. David H. Blair, of Washington, D. C.

THE SARAH WATTS MORRISON LOAN FUND. A fund of $1,000.00 established March 4, 1932, by Mrs Sarah Watts Morrison of Durham and Charlotte, N. C.

THE STUDENT LOAN FUND OF THE NORTH CAROLINA CONGRESS OF PARENTS AND TEACHERS, INC. A fund of $750.00 loaned to the student loan funds by Mrs. J. W. Burke, Treasurer, by authority of the organization named above.

THE SARAH GRAHAM KENAN LOAN FUND. A fund of $1,000 established March 7, 1932, by Mrs. Sarah G. Kenan, of Wilmington, N. C., to be used first by a designated student. When repaid, Mrs. Kenan will indicate its further usage.

THE MILO M. PENDLETON LOAN FUND. A fund of $1,000.00 established March 15, 1932, by Mrs. Katherine Pendleton Arrington as a memorial to her brother, Milo M. Pendleton, of the Pharmacy Class of 1902.

THE RICHMOND, VIRGINIA, ALUMNI ASSOCIATION LOAN FUND. A fund of $320.00 given by the organization named above with the request it be set so as to receive annual additions from the donors. It has been available since March 29, 1932.

THE LOAN FUND OF THE WOMAN'S AUXILIARY, N. C. PHARMACEUTICAL ASSOCIATION. A fund of $300.00 was established in 1932 by the above named organization for use by students of pharmacy.

THE EDRINGTON SPENCER PENN AND CHARLES ASHBY PENN, JR., LOAN FUND. A fund of $1,000 established April 14, 1932, by Mrs. Charles Ashby Penn, of Reidsville, North Carolina.

THE C. W. TOMS LOAN FUND. A fund of $1,000.00 established May, 19, 1932, by Mr. C. W. Toms, '89, of New York City, in memory of his son, the late George Newby Toms, '28.

THE MARGARET MCCAULL CARMICHAEL LOAN FUND. A fund of $1,000.00 established by Mr. W. D. Carmichael, '97, on May 25, 1932. Mr. Carmichael is a resident of Durham, N. C., and New York City.

THE JEFFERSON C. BYNUM MEMORIAL LOAN FUND. A trust fund established by Mrs. Jefferson C. Bynum in memory of her husband. The fund of $2,000.00 to be held in trust for the future education of her two sons, Jefferson C. Bynum, Jr., and Rufus S. Bynum. Pending the matriculation of the beneficiaries at the University, the fund may be loaned to University students.

THE ANNIE LOUISE WATTS HILL LOAN FUND. A fund of $1,000.00 established by Mr. John Sprunt Hill, of Durham, N. C., on June 4, 1932, as a memorial to his wife.

THE GEORGE BASLEY HISS LOAN FUND. A fund of $10.000,00 established by Mrs. Bertha T. Hiss, of Charlotte, N. C., in memory of her husband, George Basley Hiss. This fund has been available since June 30, 1932.

Applications for Loans

Applications for loans will be considered when made in person by students registered in the University. The funds are limited in amount and are loaned only on the security of two approved signatures and at the legal rate of interest. Applications should be made to the Student Loan Fund office as far in advance as possible.

Self Help Work

Many students earn a part of their expenses by many forms of honorable labor. Students work in the Library, Dining Hall, Graham Memorial, Book Exchange, dormitories, Gymnasium, Kenan Stadium, Buildings Department, and other University divisions and offices. All jobs are assigned by the Self Help Committee, solely on the bases of scholastic merit, financial need, and good character. Holders of jobs are required to maintain a scholastic average of at least "C" from year to year. Jobs off the campus, in Chapel Hill homes and business firms, are not assigned by any committee or division of the University. Such work is secured by the efforts of the student, the secretary of the Self Help Committee helping wherever possible. All inquiries about and applications for work should be mailed to Mr. Edwin S. Lanier, Secretary, Self Help Committee, before July 1, after which the jobs are assigned.

MEDALS AND PRIZES

The Mangum Medal in Oratory. (Established in 1878). A gold medal founded by the Misses Mangum, late of Orange County, in memory of their father, Willie Person Mangum, class of 1815, is continued by his great-grandson, Mr. Mangum Weeks, class of 1915, and is awarded to that member of the Senior Class who during his four years prior to graduation has best exhibited the qualities of oratory, debate, and scholarship.

The Eben Alexander Prize in Greek. (Established in 1887). A prize of $10 is offered annually to that member of the Sophomore Class who shall present the best rendering into English of selected passages of Greek not previously read.

The Kerr Prize in Geology and Mineralogy. (Established in 1889). A prize of $50 is offered annually by Mr. William H. Kerr in memory of his father, Professor Washington Carruthers Kerr, to any undergraduate or graduate student for the best thesis containing original work in the geology or mineralogy of North Carolina.

The Bingham Prize in Debate. (Established in 1899). This prize was established by the late Mr. R. W. Bingham, in memory of his great-grandfather, grandfather, father, and brother. It is given annually for excellence in debate. The contestants are representatives of the Literary Societies, and the contest is held during Commencement.

The Bryan Prize in Political Science. (Established in 1903). A prize will be given annually for the best thesis in Political Science. The fund was established by the late William Jennings Bryan.

The Archibald Henderson Prize in Mathematics, formerly the William Cain Prize. (Established in 1908). A gold medal is offered annually to that student who shall take the highest rank in Mathematics 32-33. No student will be recommended for the prize unless he attains to grade B.

The Mildred Williams Buchan Prize. (Established in 1920). A fund of one thousand dollars was given by Mr. Edward Robertson Buchan in memory of his wife. The income of this fund is to provide a prize in the Department of Philosophy.

The Patterson Medal. (Established in 1924). A gold medal is offered annually by Dr. Joseph F. Patterson to commemorate the memory of his brother, John Durant Patterson. This medal is awarded for general excellence in athletics to a student selected by a special committee.

CHI OMEGA PRIZE IN SOCIOLOGY. A prize of twenty-five dollars is awarded by the local chpater of the Chi Omega fraternity to the undergraduate woman student who writes the best paper on some subject in the field of sociology or public administration. The subject will be submitted to the undergraduate student body some time before the fifteenth of February. Papers are required to be handed in by the fifteenth of May. The Department of Sociology will select the subject and act as judges of the papers. The prize will be awarded at Commencement.

REGULATIONS

SPECIAL NOTICE TO STUDENTS

This catalogue, issued in the spring of each year, is intended to give such a description of the work of the University and such a digest of its rules as are needed by the students. Neither the courses announced nor the rules given are valid beyond the succeeding year, for before the end of the succeeding year a new catalogue will have been issued, superseding all previous catalogues. Ordinarily a student may expect to be allowed to secure a degree in accordance with the requirements of the curriculum laid down in the catalogue in force when he first entered the University, or in any one subsequent catalogue published while he is a student; but the faculty reserves the right to make changes in curricula, as in rules, at any time when in its judgment such changes are for the best interests of the students and the University.

REGISTRATION

All students are expected to present themselves for registration *Wednesday or Thursday, September 14 or 15, 1938, between the hours of 9 a. m. and 5 p. m., at the places announced in the plan for registration. All men registering here for the first time will report for physical examination to the Infirmary; all women will consult Mrs. M. H. Stacy, Adviser to Women, in her office in the South Building, second floor. Bills for tuition and fees are payable at the time of registration. For the winter and spring quarters all students except those in the School of Law must register in December and March according to a schedule published immediately before the examinations for the fall and winter quarters begin.

Registration for credit for any course is limited to the first seven calendar days of a quarter, unless the late registration is approved by the instructor concerned, the Dean, and the Administrative Board (or the Special Faculty) of the school.

PAYMENT OF BILLS

Bills for the fall quarter are payable at the time of registration. Bills for the winter and spring quarters are payable at the Business office on the first class day of the quarter, and thereafter according to a schedule announced. Failure to pay or to make proper arrangements for payment results in the assessment of an extra fee of $5.00.

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* Students transferring from other institutions should have transcripts of their former records sent at least two weeks in advance to the Dean of Admissions, and should present themselves for registration on Wednesday, September 14, 1938. Freshman students also will register on Wednesday, Sept 14.

DELAYED REGISTRATION

The penalty for delayed registration for any quarter is one month of strict attendance probation for each day of delay. Any student registering later than the time appointed for his registration must pay five dollars ($5.00) as an additional fee for delayed registration. No appeal from the imposition of either attendance probation or the late registration charge of five dollars will be granted, unless the delay is due to circumstances clearly beyond the student's control. Such appeals must be made in writing to the Dean of Administration, must show clearly good and sufficient justification for the delay in registering, and must bear the approval of the Dean of the division of the University in which the appellant is enrolled.

ARRANGEMENT OF COURSES

Attention is called to the reduction of credit for freshman and sophomore courses when taken late in the student's career. Only half credit is allowed if a regular freshman course is taken after a student begins his seventh quarter or if a regular sophomore course is taken after he begins his tenth quarter.

No student will be allowed to take fewer than fifteen credit hours a week. A load up to eighteen credit hours a week may be taken without any restrictions; one of nineteen or twenty credit hours a week requires a scholastic average of at least C in the preceding quarter; one of twenty-one or more credit hours a week requires a scholastic average of at least B in the preceding quarter and the approval of the student's Dean.

A student desiring to change his courses must make written application to his Dean for the desired changes. The application will be considered by the Dean and will be granted only after a careful consideration of the facts in each case. The written permission of the Dean must be presented at the Central Office of Records, room 207, the South Building, and payment must be made of the fee of twenty-five cents for each item of change. *Changes in registration are limited to the first seven calendar days of a quarter.*

ASSIGNMENT OF ROOMS

The rooms in the University dormitories are assigned to students by the Cashier in the order of application, subject to the special regulations given below.

The University reserves the right to require any student whom for any reason it considers an undesirable tenant to vacate a room in the University dormitories.

In order to retain his room for the next scholastic year, a student must file with the Cashier before May 25 an application and a deposit of $6.00 as an option. Double rooms must be applied for by both intending occupants. The rooms thus applied for will be retained until September 1, when first payment of rent is due. The option deposit will be forfeited in case the applicant does not himself occupy the room and pay the rent. Rooms not applied for or made vacant by failure to pay at the proper date will be assigned in the order of application. The rent is payable in three installments, due September 1, January 1, and March 15.

The right to occupy a room is not transferable and terminates with the expiration of the lease. Any attempt on the part of an occupant of a room to sell or transfer his right to occupancy shall be deemed a fraudulent transaction. The penalty for violating this rule shall be the forfeiture of the room by the new lessee.

The occupant of a room will be held directly responsible for any damage done to the furniture in his room or to the room.

No dogs shall be kept in the University dormitories. Breach of this regulation leads to forfeiture of the room.

CONDUCT

By order of the Board of Trustees the Faculty is directed to discipline or dismiss from the University any student who is known to engage in drinking intoxicating liquors, gambling, hazing in any form (presence at hazing is regarded as participation), or to be guilty of dissolute conduct. See also Student Government, page 40.

Students persistently neglectful of duty, or addicted to boisterous conduct or rowdyism may be required to leave the University.

Students, unless *bona fide* residents of Chapel Hill, when suspended from the University for disciplinary reasons, must leave the campus and Chapel Hill within forty-eight (48) hours or forfeit the right to readmission at any time.

ATTENDANCE

Due to the policy under which courses are given in the University, namely lectures, daily work, quizzes, and short final examinations, regular attendance upon meetings of classes is considered very important and is considered a student obligation.

Beginning with the spring quarter, 1936, the responsibility for attendance is in the hands of the instructors in the various courses. Departments may make uniform regulations governing attendance if they so desire.

Instructors in all cases are expected to keep a daily record of attendance and to report to the Central Office of Records the name of any student who has been absent three consecutive meetings of a class.

Instructors are expected to warn a student who has been absent more than seems reasonable. Further absences give instructors the right to request the Dean concerned to exclude such a student from the class. If the Dean knows extenuating circumstances he must confer with the instructor before the student is actually excluded.

Any student who has attained the honor roll during two successive quarters shall be exempt during the ensuing quarter from the regulations governing absences and shall be exempt thereafter as long as that student maintains the honor roll average. To the foregoing regulations there are to be the following exceptions: (a) the privilege of absences does not apply to requirements of attendance relative to written or laboratory work or to quizzes and examinations; (b) the privilege earned by the student shall be forfeited if that student is absent without excuse immediately before or immediately after holidays.

Departments or instructors may, on occasion, permit a student to attend or engage in an educational activity other than that of the class as a substitute for class attendance.

The Deans are expected to use their best judgment in the matter of allowing a student to remain in residence after having been dropped from one or more classes. The Deans will also coöperate with the instructors in bringing students to a realization of the consequences of excessive absences.

It is the duty of instructors to report to the Central Office of Records all absences occurring at the *beginning of each quarter and all those occurring immediately before and immediately after holidays. The penalty for such absences is loss of membership in the student body. Favorable action (for good cause) by the Committee of Deans is necessary before the student may be readmitted to the University.

Absences from class attendance for cause may be excused. Such absences are those due (a) **to participation in recognized University activities, as those of the Glee Club, Debating and Athletic teams, and the Playmakers when occurring away from Chapel Hill, such excuses to be issued by the Recorder; (b) ***those due to actual illness, certified to by the physician who attended the student in person during illness; and (c) **those due to emergencies caused by extraordinary circumstances, when excused by the Dean of the School concerned.

The Central Office of Records will furnish to the student upon request and for the information of his instructors a record of days he has been excused.

Any student who is absent from a quiz or an examination at the appointed time thereof without excuse as defined above will not be permitted to make up this quizz or examination. Any department may impose a fee not exceeding one dollar ($1.00) upon the student having excuse for such absence for the privilege of taking a special quiz or examination or a make-up laboratory exercise.

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* The Departments are expected to coöperate with the Deans in getting classes accurately organized by remaining on duty the whole day for the first few days of each quarter.

** Such authorized leaves of absence must be secured in advance.

*** Excuses for illness must be reported within forty-eight hours from time of the beginning of the illness.

No student unless exempted by having attained the honor roll privileges of optional attendance shall be given credit in the University for any course unless that student has attended at least 75 per cent of the class meetings of the course during the quarter in which it is offered.

Departments may require students who have been absent, whether the absences are excused or not, to make up work covered during the periods thereof.

Other Regulations Governing Attendance

The grade of a student who quits a course without the permission of the Dean of his College or School is recorded officially as F.

The grade of a student who drops a course in which he is failing at that time shall be recorded as F, unless, in the judgment of his Dean, the reason for his failure be circumstances clearly beyond his control.

No student is allowed to absent himself from the University without written permission as provided above. This permission may, at the discretion of the executive officer, be granted only upon the formal request of the parent or guardian.

EXAMINATIONS

Regular written examinations are required at the end of each quarter in all courses except those the nature of which is such as to make written examinations unnecessary. Approval of such exceptions must be secured in advance from the Dean of the College.

Before receiving his degree each senior in the College of Arts and Sciences or in the School of Commerce is required to pass to the satisfaction of his major department an examination in the field of his major study. Such a comprehensive examination may be taken by a student only once in any one quarter and may not be taken until the student has completed at least two-thirds of the work required for the major. This rule became effective with the class receiving degrees in June, 1930.

A special examination may be taken by a student, who has received the condition grade (E), at the period of the special examinations in September. Provided he has no conflict with a course regularly taken by him in the quarter, such a student may take the examination with the class in the same subject at any regular quarter examination within a year after he has made the grade E. A senior who makes a grade of E in his last quarter of residence is allowed to take a special examination for removal of the E not earlier than three days after his last examination in that period of examinations. The grade E becomes F if the student fails to pass the reëxamination whether taken in September or at a regular period.

Under no circumstances may a student stand a special examination to remove a condition grade (E) between the first and the last class days in any quarter unless such examination is requested by the Committee of Deans.

Special examinations for students who have been officially excused from regular examinations on account of sickness or have been absent on account of some necessary cause may be held at suitable times fixed by the Recorder and the instructors concerned. Such examinations must be taken within twelve (12) months of the date of absence.

To be entitled to take a special examination within a quarter, or at the September period, or at a regular quarter examination period, the student is required to file with the Recorder at least one week prior to the time for the examination a written notice that he desires to take such examination.

Final examinations except in laboratory practice may not be held at any times other than those specified in the preceding regulations.

No examinations may be held later than 6:30 p.m.

All examinations must be held in Chapel Hill.

Examinations should be limited to a period of two hours. In courses in which a considerable portion of the examination is of a *practical* nature, the instructor may extend the time in his discretion.

No students other than the following may take the examination in any course: 1st—regularly enrolled members of the class whose names have been reported from the Recorder's office to the instructor as having registered in due form for the course; and 2nd—those whose names have been reported from the Recorder's office as having the right to take special examinations on that course.

Students absent from an examination without an official excuse or present and failing to submit examination papers are reported "absent." This mark is equivalent in every respect to grade F or failure, and is so reckoned in the office of the Recorder.

Each student is required to subscribe his name to the following pledge or its equivalent on every paper: "I hereby certify that during this examination I have neither given nor received aid." The instructor should not report a grade for any student whose examination paper lacks this pledge.

Papers handed in at a special examination by students who have been officially excused from the regular examination will be graded; all others will be marked "passed" or "failed."

Schedules of examinations at the ends of the terms and in September are to be so arranged that examinations set for the last day of the period shall be set for the first day of the next period.

The order of examinations for the removal of conditions in September, 1938, will be as follows:

Monday, September 12

8:30 a. m.	Botany Latin	11:00 a. m.	Chemistry Commerce Philosophy
2:00 p. m.	Economics Romance Languages Zoölogy	4:30 p. m.	Music History Mathematics Polit. Science

Tuesday, September 13

8:30 a. m.	Education English German	11:00 a. m.	Compar. Literature Greek Physics Sociology
2:00 p. m.	Geology Psychology Rural Economics		

STANDING

After the close of each quarter reports of the standing of all students in all their studies are sent to parents or guardians. The reports are based upon the following system of marking:

Grade A, Excellent.
Grade B, Good.
Grade C, Fair.
Grade D, Barely passed.
Grade E, Conditioned.
Grade F, Failed.
*Grade I, Work incomplete.

When a student has shown marked deficiency in the use of English in any course, his grade in that course may have attached a "composition condition" (cc). This condition, while not affecting a student's eligibility for continuance in the University, must be removed before final credit will be allowed. Such conditions may be removed by complying with the regulations of the Committee on English Composition of which Dr. J. O. Bailey is Secretary.

A student must attain a grade of D to pass in any study, Grade E indicates that the student is conditioned but may remove the deficiency by special examination as explained above. Students receiving grade F must repeat the study to receive any credit for the same.

Any student, after conference with the instructor concerned may appeal from a course grade provided the appeal is presented in writing to the Dean of Administration within thirty regular college days after the grade has been recorded. The Dean of Administration, after bringing the appeal to the attention of the head of the department concerned, will refer it to the Administrative Board of the College or School in which the student is enrolled. The Board's decision shall be final.

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* The grade I may be converted into one of the other grades by completing within a period of twelve months such additional assignments as may be required by the instructor in the course. A grade of I not so converted becomes F.

To be eligible for graduation a student must secure the grade of C or higher on at least half of his work.

Interpretation of this ruling:

(1) A student who completes the required courses but with grades which do not entitle him to his degree will be allowed to take additional junior-senior courses until such time as he meets the requirement of the rule.

(2) Transfers with advanced standing will come under this rule only for those courses pursued at this Institution; but it is expected that at least 50% of the work offered for advanced credit shall be of grade C (one degree above the passing mark) or better.

A student to be ranked as a Sophomore must have passed at least thirty-six quarter hours; to be ranked as a Junior, at least seventy-eight quarter hours; to be ranked as a Senior, at least one hundred thirty-six quarter hours.

Undergraduate students, in order to be eligible to continue in the University, must qualify according to the following requirements: A freshman must pass some *academic work in each quarter, and a total of at least thirty quarter hours before beginning his fourth quarter. After the freshman year (three quarters) a student must pass at least ten hours each quarter. Ineligible persons are not to be considered members of the University. In case a student has been handicapped by circumstances beyond his control, he may appeal for readmission to the Committee of Deans by means of a written petition stating his case and sent to the Registrar's office. Deficiencies may be made up by correspondence work or in the summer session, in which case only credits exceeding five hours credit so obtained shall count for readmission. In three quarters, therefore, a freshman must pass at least thirty hours, or thirty-five if he is making up a shortage by correspondence work or in the summer session; and one above freshman year similarly must pass at least thirty hours or thirty-five if he is making good a deficiency by correspondence work or in the summer session.

No student who fails to qualify under the above regulations may be readmitted to *any division* of the University except by a special vote of the faculty or a delegated committee of the faculty. This delegated committee of the faculty will meet at 10:00 a.m. on the *last* Saturday in July, at 10:00 a.m. on the second day *before* the stated registration day at the opening of each quarter, and at 2:30 p.m. on the second day *after* the stated registration day at the opening of each quarter to consider written petitions of students who have definite and convincing reasons on which to base a request that the rule be waived. All petitions, except those of students in Law, Medicine, and Pharmacy, should be sent to the Registrar *in writing* and, to be considered, must be in hand *before* the stated meetings for that quarter in which the student seeks readmission. *Notice is given that the rule may be waived only once for any individual.*

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* For the purpose of this rule freshman courses in hygiene and physical education are not included in "academic work," but they may be counted in the total of thirty quarter hours required in three quarters. In case a freshman is exempt from the requirement of physical exercise, the number thirty is reduced by one quarter hour for each quarter he is exempt.

WITHDRAWALS

If a student wishes to withdraw at any time other than the end of a quarter, a formal withdrawal, which is prerequisite to honorable dismissal or reëntrance to this institution, must be approved by the Dean to be valid. Such a withdrawal will be approved only after full investigation of the circumstances and after the lapse of twenty-four hours from the time the first application is filed with the Dean. The withdrawal form after approval by the Dean must be filed promptly with the Recorder in room 207, the South Building.

If a student withdraws after the mid-term and is reported as below passing in two or more courses, that quarter will be counted as a quarter in residence in all computations of his requirements for readmission. If a student withdraws before mid-term, it will be left to the discretion of the Dean as to whether or not that quarter is to be counted as a quarter in residence. The Dean's verdict will be indicated specifically on the form used for withdrawal.

GRADUATION

Each senior will be officially informed by his Dean in September of all deficiencies standing against him.

FRATERNITIES

GENERAL REGULATIONS. Students may join fraternities after registration at the opening of any quarter or term provided they are eligible under the special regulations of the Faculty. Before a fraternity may initiate a pledge it must make written inquiry of the Assistant Registrar as to the eligibility of such pledge and must secure a written certificate of eligibility. Pledging of a student to join a fraternity is not allowed until he has been in the University a specified length of time as follows: If he matriculates for the first time in the University in the summer session or in the fall quarter, he may not be pledged until the regular pledge date for the fall quarter; if in the winter quarter, until a similar date in that quarter; if in the spring quarter, until a similar date in that quarter. No student may be pledged during the summer session, but, if a student remains in the summer session for the full twelve weeks, it may be counted for him as a regular quarter towards meeting the requirements as to residence. A student entering the University with advanced standing, whether he enters an academic or a professional school, may not be pledged until the regular pledge date after the date of his matriculation in this institution; but in no case may a student be pledged during the summer session.

TRANSCRIPTS OF RECORD

Honorable dismissal has reference to conduct and character only. It will not be granted unless the student's standing as to conduct and character is such as to entitle him to continue in this University. Furthermore, in every statement of honorable dismissal full mention will be made of any probation, suspension, or other temporary restriction imposed for bad conduct which is still in force when the papers of dismissal are issued.

Statement of record has reference to the recorded results of a student's work in the classroom. It will in every instance contain all the important facts pertaining to the student's admission, classification, and scholarship. In particular, no partial or incomplete scholastic record (for example, with failures omitted) will be given without clear evidence that it is partial or incomplete. If the student's scholarship has been such as to prevent his continuance in this University or to render him subject to any probation, suspension, or other temporary restriction which is still in force at the date of the record, a plain statement of any and all such facts will be included. Such information will be given as will make clear the system of grades employed, the number of exercises a week devoted to each couse, etc.

Transcripts of record, except the first which is furnished without cost, will be made upon payment of one dollar ($1.00) for each copy desired.

INTERCOLLEGIATE ATHLETICS

The University is a member of the Southern Conference and its rules necessarily conform to the rules of the Conference. With the exception of minor regulations the rules of the Southern Conference at the present time are as follows:

ARTICLE VII. RULES OF ELIGIBILITY APPLICABLE TO ALL SPORTS

Rule 1. *Bona Fide Students.* All regularly matriculated students of a member institution, which holds membership in its regional educational association, shall be eligible for participation in intercollegiate athletics, except as hereinafter provided.

Rule 2. *Academic Proficiency.* (a) Participation in intercollegiate athletics by a graduate student, or a student enrolled in a school of law or medicine, shall be predicated upon a statement from the dean of said graduate or professional school that the student's academic record is satisfactory.

(b) No undergraduate student shall be eligible for varsity athletics until he has passed twenty-four (24) semester-hours or thirty-six (36) quarter-hours. After an undergraduate student has become eligible for athletics, he must, to be eligible for any ensuing year, have passed twenty-four (24) semester-hours or thirty-six (36) quarter-hours of the previous year—provided, however, that hours for the second and third quarters or second semester shall be regulated by the separate institutions.

For the purpose of the academic requirement, the previous year means the preceding two semesters of residence or the preceding three quarters of residence—work taken in summer schools to count in this connection.

RULE 3. *One-Year Residence Rule.* No student shall participate in varsity athletics in any member institution until after the expiration of twelve months from the date of his matriculation there and until he has been in residence there one full academic year.

RULE 4. *Returned Students Formerly Enrolled.* No student having been a member of any athletic team of his college during any year and having been in attendance less than one semester or two quarters shall be permitted to participate in any inter-collegiate contest thereafter until he shall have been in attendance one semester or two quarters of his next academic year.

RULE 5. *Special Students.* No special student is eligible to participate in freshman or varsity inter-collegiate athletics.

RULE 6. *Transfer Students.* (a) Transfer students are eligible for varsity athletics only after they have met the requirements of the One-Year Residence Rule, and then only in those sports in which they did not participate in an intercollegiate contest, freshman or varsity, in the college or colleges from which they transfer.

(b) Transfer students who are graduates of junior colleges, normal schools, or other institutions, which are accredited as such by the regional educational accrediting associations*, not offering a standard four-year course, may be permitted to engage in varsity athletics immediately; others who are not graduates of such accredited junior colleges, etc., must comply with the one-year residence rule and the five-year limit of participation rule dating from the time of first matriculation in the said junior college, etc.

(c) Students who have been in the preparatory department of a junior college, who have taken no college work but have played on the junior college teams shall not be eligible for freshman participation at Conference institutions.

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* For this region the Southern Association of Colleges and Secondary Schools is the agency.

Rule 7. *Limit of Participation.* Participation in inter-collegiate athletics shall be limited to one freshman and three varsity years over a period of five consecutive years counting from the date of first matriculation.

Rule 8. *Freshman Teams.* Freshman teams shall be composed of members of the freshman class only who shall not compete as such for more than one year, and shall be eligible under the rules of this Conference, except the one-year residence rule.

No freshman who has been a student at any other college shall be eligible to compete on a freshman team of a Southern Conference institution.

Rule 9. *Compensation.* (a) No person who receives any compensation from his institution for services rendered by way of regular instruction shall be allowed to participate in any inter-collegiate contest.

(b) No person shall be permitted to participate in any inter-collegiate contest who has ever used his knowledge of athletics or his athletic or gymnastic skill for pecuniary gain; a specific exception is made in the case of any student who has worked in connection with a playground or a summer camp where the requirements do not call for a man with technical preparation in physical training.

Rule 10. *Professionalism.* Any college athlete who signs a contract or enters into any agreement, explicit or implicit, with a professional team shall not be eligible for inter-collegiate athletics.

No student who has played on a baseball team recognized by the National Commission of Baseball Clubs shall be eligible for intercollegiate athletics.

Rule 11. *Outside Participation.* (a) A student who, while the college is in session, plays on an athletic team other than that of his college, becomes ineligible for intercollegiate contests in the sport or sports concerned for one year from the date of the infraction of this rule.

(b) No student who participates in a boxing match where spectators pay for admission, directly or indirectly, except as the representative of the institution in which he is enrolled, shall be eligible for intercollegiate athletics—National Championship Olympic Tryouts and Olympic Games being excepted from this provision.

(c) No athlete who has received compensation of any kind, including money for expenses, for participating in a boxing match shall be eligible for inter-collegiate boxing.

Rule 12. *Eligibility Certificates.* Before any student can compete in any inter-collegiate contest he must fill out an eligibility blank furnished by the Conference which blank shall be kept on file by the Faculty Chairman of Athletics and a copy sent to the President of the Southern Conference.

RULE 13. *Scholarships, Jobs, Subsidization, Athletic Staff, and Audit.*

SECTION I. It has been and is an accepted part of the provisions of all inter-collegiate athletic conferences that an athlete may be awarded a scholarship, loan, job or other financial aid on his merits as a person and student on the same basis as other students. The Southern Conference pledges itself to support this policy and holds that member institutions must accept the responsibility for the proper conduct of inter-collegiate athletics in their respective institutions.

Any scholarship, loan, job, remission of charge, financial aid or other material considerations within the direct control of the institution, to be open to an athlete must fulfill all of the following requirements:

(1) Be equally open to non-athletes, on the basis of character, scholarship, financial need, competence for any specific task, and general merit.

(2) Be awarded only by a representative and responsible faculty committee, or committees, in the respective fields of scholarships, loans, and jobs.

SECTION II. a. No student who is on scholastic or conduct probation or its equivalent is eligible to represent the institution in an inter-collegiate contest.

b. All these scholarship requirements shall in advance of competition be certified to by the appropriate officer as fulfilled by all members of the team representing the institution.

SECTION III. a. No member of the athletic staff or physical education department shall receive for his instructional services at his college any money or other valuable consideration except through the college authorities.

b. The athletic director and coaches shall be chosen and their salaries fixed by the president or on the recommendation of the president by the board of control (e. g. trustees, regents, visitors) according to the custom of the institution.

SECTION IV. All questions of eligibility involving either the letter or the spirit of the Conference rules shall be treated as matters of confidence between the institutions concerned.

SECTION V. All athletic accounts shall be audited regularly by an auditor appointed by the president of the institution and be open for inspection by officials whose names appear in the current printed Constitution and By-Laws of the Southern Conference.

Special Rules of the University of North Carolina

In addition to the rules of the Southern Conference the following local rules apply to all students participating in inter-collegiate athletics:

1. No student will be allowed to take part in athletic contests entailing absence from the University whose parents (or guardians) object to such participation.

2. There shall be a scholastic requirement of thirty-six (36) quarter hours, half C grade or better, during the preceding three quarters of residence, or forty (40) quarter hours, half C grades or better, if summer school or correspondence work is necessary in addition to three regular quarters.

3. No student shall play upon any athletic team except after physical examination by the University Physician.

4. Before any student can become a member or a substitute member of any athletic team of the University and take part in any intercollegiate contest he must make application to the Faculty Committee on Athletics and secure the endorsed approval of that committee on his application. It shall be the duty of the Faculty Committee on Athletics to have the Registrar of the University indorse such application to the effect that the applicant is a registered student of the University and has completed the scholastic requirements.

5. The faculty regards the professionalization of college athletics as a menace to sound education and wholesome sportsmanship. In line with this belief alumni and friends of the University are urged to submit to responsible committees of the faculty for approval under their regular standards any assistance extended or proposed to be extended to athletes or prospective athletes.

6. To be eligible for inter-collegiate athletics in any quarter a student must have passed during his preceding quarter at least 10 quarter-hours or the equivalent.

REGULATIONS GOVERNING DRAMATIC, MUSICAL, DEBATING, AND SIMILAR ORGANIZATIONS

1. No student will be allowed to take part in dramatic, musical, debating, oratorical, or similar events entailing absence from the University whose parents (or guardian) object to such participation.

2. Any student who was in attendance at the University during a previous quarter must have passed, during his last quarter of attendance, satisfactory examinations upon at least ten quarter hours or their equivalent, before he will be allowed to represent the University in any dramatic, musical, debating, oratorical, or similar event of a public nature.

3. Any student reported during the course of any quarter as deficient in a majority of his classes may be prohibited by the Dean of his school from participating in any dramatic, musical, debating, oratorical, or similar event until such deficiency is made good.

4. There shall be a scholastic requirement of thirty-six (36) quarter hours, half C grade or better, during the preceding three quarters of residence, or forty (40) quarter hours, half C grade or better, if summer school or correspondence work is necessary in addition to three regular quarters.

PART THREE—THE COLLEGES AND THE SCHOOL OF COMMERCE

THE GENERAL COLLEGE

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President of the Consolidated University*
Robert Burton House, A.M., *Dean of Administration*
Corydon Perry Spruill, Jr., A.B., B.Litt.(Oxon.), *Dean*

*THE ADMINISTRATIVE BOARD

Allan Wilson Hobbs, Ph.D.
Dudley DeWitt Carroll, A.M.
Francis Foster Bradshaw, Ph.D.
Sturgis Elleno Leavitt, Ph.D.
Arthur Melville Jordan, Ph.D.
Arthur Palmer Hudson, Ph.D.
Charles Baskerville Robson, Ph.D.
Ben Husbands, A.B.
Oliver Kelly Cornwell, M.A.

**THE COMMITTEE OF ADVISERS IN THE GENERAL COLLEGE

Guy Berryman Phillips, A.B.
Michael Arendell Hill, Jr., A.M.
Edwin Carlyle Markham, Ph.D.
Cecil Johnson, Ph.D.
Shipp Gillespie Sanders, A.M.
John Warfield Huddle, Ph.D.
William Smith Wells, Ph.D.
William Decatur Perry, D.Ed.
John Alfred Barrett, A.B.
Lee Roy Wells Armstrong ,A.B.
Director of Pre-College Guidance

GENERAL STATEMENT

During his first two years in the University at Chapel Hill every student is a member of the General College unless he enters the School of Pharmacy. The studies in the General College are intended: (1) to offer an experience in a sufficient variety of basic and liberal subjects to constitute the foundations of that general education which is regarded as essential to balanced development and intelligent citizenship, (2) to supply opportunities for the discovery of intellectual interests and occupational aptitudes, and (3) to provide preparation for later collegiate or professional training. These studies are, specifically, English composition and literature, a foreign language, natural science, and social science for two years, mathematics or Latin or Greek for one year, and one other prescribed or elective subject for one year. The options within these requirements appear below in the summaries of the several programs. The student thus takes certain courses basic to all programs of study and in addition chooses other courses in anticipation of advanced work in special fields or because of other personal considerations. If he knows what his later program of study is to be he can in nearly all cases choose a subject in that field as part of his work in the General College. If he does not know what this program is to be, he may take the general program leading to the degree in Liberal Arts or in Commerce with the assurance that he can reach a decision during his undergraduate career and make necessary changes with a minimum loss of time.

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* The Dean of Administration and the Registrar are *ex officio* members of each Administrative Board.

** The Advisers are *ex officio* members of the Administrative Board.

The members of the General College are of four distinguishable but overlapping types: (1) Those who will proceed to the usual academic degrees at the end of four years, (2) Those who will enter professional schools after three or four years, (3) Those who are preparing for *teaching or scientific investigation or both, (4) Those who will take less than a complete academic program. Through the Advisers the General College attempts to assist each student in appraising his qualifications and objectives and, within the limits set by its standards and resources, undertakes to adapt its offerings to his interests and needs. Thus a deficiency in a foreign language may be overcome by taking the elementary course which meets six times a week. In the converse case of mastery in preparatory school or otherwise of work offered in college, the student is encouraged to meet the collegiate requirement by examination. Those who have responsibilities which limit the time available for studies are allowed to take less than the normal academic program. Those who attain distinction in the normal registration are permitted to take additional courses so as to enable them to enrich their programs or to graduate at an earlier date. By such means the College encourages each student to start with the work which he is prepared to do and to go forward with it in the way that is most appropriate in his individual case.

Upon satisfactory completion of the work of the General College, the student will normally enter one of the divisions of the University which administer the curricula of the junior and senior years. *The College of Arts and Sciences* offers curricula in (1) the usual liberal arts subjects, (2) teacher-training, (3) journalism, (4) music, (5) chemistry, geology, physics, and medicine (each with its special Bachelor of Science degree), and (6) pre-law, pre-medical, and pre-dental programs with and without the A.B. degree. *The School of Commerce* presents curricula preparatory for the various careers in (1) business, (2) foreign trade and the consular service, and (3) law.

Office of Pre-College Guidance

The Office of Pre-College Guidance, as a part of the General College, seeks to supply high school students with information about the conditions of university life. Inquiries concerning and applications for admission should be addressed to the associate Registrar of the University. The staff of the Office welcomes personal conferences with prospective college students.

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* Anyone who plans to prepare for teaching should immediately consult with the Chairman of the Division of Teacher Training.

ADMISSION TO THE GENERAL COLLEGE

WOMEN: By order of the Board of Trustees women are not eligible for admission to the General College.

AGE: All applicants for admission to the General College must be sixteen years of age by or before the actual date of their first registration.

CHARACTER: All applicants for admission to the University, including the General College, are required to furnish satisfactory evidence of good character as prerequisite to consideration for admission.

HEALTH: All General College registrants are required to report to the University Physician for a physical examination immediately before, during, or immediately after the period of their first registration. Trustee regulations make it mandatory that all matriculates satisfy the University Physician that they have been successfully vaccinated against smallpox. Those unable to furnish such evidence, or who have never been vaccinated at all, will be vaccinated here. Since a smallpox vaccination sometimes disrupts one's normal activities for several days, it is highly desirable from the applicant's standpoint that this detail be attended to before he presents himself for registration.

Admission to Freshman Standing

BY CERTIFICATE: Formal application for admission to freshman standing, which is generally understood to mean candidacy for a baccalaureate degree, is made by submitting 1) personal data called for on an application form and 2) a satisfactory statement of high or preparatory school achievement. Such a statement is expected to show 1) the completion of an accredited four-year high or preparatory school course, or its equivalent, which ordinarily means graduation; 2) fifteen units acceptable to us, including our minimal requirements as outlined below; and 3) that the applicant has attained the certifying average of the school last attended. Application-for-admission blanks may be secured by writing the Associate Registrar who, upon approving one's application, will undertake to secure directly from the proper official of the school graduating the applicant an appropriate certification of the applicant's record. Satisfactory evidence of one's eligibility for admission should be in the hands of the designated official at least fifteen days before the opening of the quarter in which it is desired to enroll.

Summary of Admission Units

The fifteen-unit minimum offered for admission should include the following *required* distribution, except as may be provided for in the explanatory notes appearing immediately after the section headed *Admission by Examination:*

English (four years)	4 units
Algebra (one and one-half years)	1½ units
Plane Geometry (one year)	1 unit
Foreign Language (two years in *one* language)	2 units
*Social Science (one year)	1 unit
Natural Science (one year)	1 unit
Electives	4½ units

ELECTIVES: It is strongly urged and recommended that elective units be made up from the fields of mathematics (second-year algebra for a full year, solid geometry for a half year, and plane trigonometry for a half year), social science (ancient history, mediaeval and modern history, modern history, English history, American history, American history and civics as a combination, civics, sociology, and economics), foreign language (Spanish, German, French, Latin, and Greek, with not fewer than two units in any one), and science with full laboratory (chemistry, physics, biology, botany, zoölogy, geology, physiography, and general science). One unit is allowed for a full year's work in any one of the named sciences, provided lectures or recitations *and* laboratory work are involved; if no laboratory work is included, any one of the named sciences, taken for a full year, carries only a half unit credit. *A credit of less than a half unit will not be allowed in any subject.*

In addition to credits from the fields specified immediately above, an applicant may offer subjects that are vocational in nature. Ordinarily no more than three units in vocational work may be credited; but the officer of admissions may, in his discretion, allow credit to the extent of four vocational units. It must in every instance be evident that such credits have been counted towards the high or preparatory school diploma. The officer of admissions has been granted discretionary authority to determine what may or may not be acceptable.

For certain curricula the requirement in foreign language is more precise than may be apparent from the statements made above. The courses of study leading to the following degrees require the language indicated: S.B. in Commerce and S.B. in Geology, Spanish or German or French; S.B. in Medicine, German or French; S.B. in Chemistry, German; and S.B. in Physics, German or French. It should be remembered that the *general entrance requirement* in foreign language may be satisfied by a two-unit offering in Latin or Greek, but that at the beginning of a student's first year in residence he will be required to take up that language which is appropriate for the study program of his junior and senior years. No degree credit will be allowed for the elementary part of the foreign language chosen.

Although no applicant will be admitted on certificate with fewer than fifteen acceptable units, the officer of admissions will, in general, be primarily concerned with substantial evidences of a serious, well-defined purpose on the part of the applicant and with his apparent ability and determination to utilize effectively the educational and cultural opportunities available to all at the University.

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* Preferably History of the United States.

The right to reject the application of any applicant who ranked in the lower half of his high or preparatory school graduating class is reserved. This right will in general be exercised unless the applicant is able to offer weighty and convincing evidence tending to prove that there is a strong probability of academic success in work of university or college grade despite his failure to perform satisfactorily from the standpoint of scholarship in his high or preparatory school. For cause the Board of Admissions may disapprove an application for admission.

Provision is made for students who present credits in excess of the fifteen required units to take substantiating examinations for advanced standing in whatever subjects the Dean of the General College may deem advisable. This opportunity is open to those who have taken in high or preparatory school work over and above the minimal entrance requirements which is approximately equivalent to some of the freshman-year program in the General College. The passing of such examinations will enable the student to take during his first year the next course in the subject on which he is examined or to take other subjects not ordinarily pursued by freshmen. Formal application for examinations of this sort should be made to the Dean of the General College sufficiently far in advance of the date of registration to enable him to arrange for the examinations. For this purpose, fifteen days' notice suffices. No charge is made for these examinations.

ADMISSION BY EXAMINATION: Persons desiring admission to the General College who are unable to offer satisfactory evidence of eligibility on the basis of a certificate from an accredited school may qualify for admission by passing our entrance examinations. The tests used for this purpose are designed to determine the examinee's ability in general and his fitness for college work. The form of the examination actually used is comparable to the tests of college aptitude and subject matter achievement furnished by the American Council on Education.

Entrance examinations are held on the first Saturday in June and may be arranged for on request immediately before the opening of the fall, winter, and spring quarters. As a rule these examinations may be completed within one day, the results tabulated, and a determination of the examinee's success or failure made and announced. Sample copies of previously given examinations are *not* available for distribution. A fee of one dollar is charged each person taking the entrance examination, which fee is not refundable.

Applicants seeking admission to the General College on the basis of preparation secured under the supervision of private tutors must in every instance qualify on the basis of our entrance examination. Certificates attesting to one's preparation in this wise are not *per se* acceptable, but are desired as evidence of work done.

The University is coöperating with the Commission on the Relation of School and College of the Progressive Education Association. During the course of the eight-year experiment being conducted by that Commission, students recommended by member schools will be accepted for admission to the General College without regard to other entrance requirements.

EXPLANATORY NOTES: (1) Algebra: An applicant who offers only one unit in algebra but who otherwise qualifies for admission may absolve himself from the deficiency in either of two ways: a) he may take our Freshman Mathematics and, if he passes on the first trial, the deficiency is automatically removed; or b) he may, with or without the aid of a private tutor, prepare for a special examination during his first year in residence, to be taken under the supervision of our Department of Mathematics. (2) Plane Geometry: An applicant who is unable to offer the required unit in plane geometry may, if he otherwise qualifies for admission, remove the deficiency in this way: he may, with or without the aid of a private tutor, prepare for an examination during his first year in residence, to be taken under the supervision of our Department of Mathematics. (3) Foreign Language: An applicant who otherwise qualifies for admission but who is unable to meet the requirement in foreign language may remove the deficiency by taking, and passing satisfactorily, the elementary part of Spanish or German or French or Latin or Greek. These subjects are given during the regular academic year, September to June, and, except for Greek, during the summer session. Generally speaking, one unit in foreign language will not be counted towards the fifteen unit total required to be offered. Since all our undergraduate curricula presuppose admission without deficiencies, it is very desirable that applicants with deficiencies seek to clear these during the summer immediately preceding the fall opening at which they expect to matriculate. *All entrance deficiencies must be removed before registration for one's fourth quarter in residence*, not counting the summer session.

Admission to Advanced Standing in the General College

Persons seeking admission to the General College on the basis of work of college or university grade taken elsewhere are required to present for review and examination properly certified statements covering such work. Such transcriptions of record should be in hand at least fifteen days before the opening of the quarter in which the applicant desires to enroll. Formal application for admission must be made, and blanks for this purpose may be secured by writing the Associate Registrar. For statement of fee to be sent with an application, see footnote under Admission to the College of Arts and Sciences, page 95. Each transcript of record will be evaluated in terms of our General College requirements, and credits allowed may or may not be approximately equivalent quantitatively to the total secured in terms of the curriculum pursued at the college or university from which the applicant seeks to transfer. No credit is allowed for work done at non-standard or non-accredited colleges and universities unless a substantiating examination in each subject for which credit is sought is passed. These examinations must be taken here.

The right is reserved to reject wholly or in part any record submitted in support of an application for admission with advanced standing and to require a validating examination in any or all of the subjects for which credit is desired. Applicants who have failed to maintain a satisfactory scholarship record as distinguished from a record which is poor, or barely passing, or who, for any reason whatsoever, are ineligible to continue in the institution from which they seek to transfer are advised not to seek admission on any basis to the General College. We do not disregard at any time or under any conditions college or university records in order to admit applicants solely on the basis of their high or preparatory school records. It will be considered a flagrant violation of the honor code if any applicant makes a false statement in his application for admission with reference to previous college or university attendance in order to gain admission on the basis of a high or preparatory school record.

The University is not an accrediting agency. It accepts the accreditation of the North Carolina State Department of Education in so far as high and preparatory schools and colleges, junior or four-year institutions, are concerned. Outside of North Carolina, the University depends upon the accreditation of the departments of education of the various states, upon the accreditation of state universities or institutions of comparable rank, and upon the accreditation of regional accrediting agencies.

Admission of Non-residents

Applicants from outside of North Carolina, *i.e.*, non-residents of North Carolina, may be required to supplement their applications and certificates or transcripts by a personal interview with a representative of the University, the time and place being arranged upon request from interested persons.

GUIDANCE OF STUDENTS IN THE UNIVERSITY

The University conceives education to be directed toward the best development of each individual. Since no two persons have exactly the same powers and potentialities it follows that no two students can profit equally by the same educational experiences. The University accordingly seeks to study each student in terms of his own background of experience and his own potentialities of interest, ability, and cultural needs. Each student is the special charge of a member of the Committee of Advisers.

Before admission of the student the University obtains from him and his school principal pertinent information concerning the applicant's personal history. This information is made the basis for a cumulative personnel record of each student. To it are added placement test scores, results of physical examination, grades on courses, record of activities, etc. This record is in the hands of the General College Adviser from the time the applicant is accepted until he completes the General College course. Then the student and the record go together to the departmental adviser according to the major field of study chosen. Finally this record is available for vocational guidance and for inspection by prospective employers.

In this way the University is making every effort to deal with each student from admission to graduation as an individual personality about whom a definitely responsible adviser always has the needed information. In using this information the personal interest and experience of the adviser may be supplemented in case of special need by members of the General Administration competent in such special fields as health, financial aid, vocational guidance, mental hygiene, and religious and moral problems.

Because the abrupt transition from the intimate supervision of home life to the greater freedom of campus living creates special difficulties for the freshman, the University is making an added provision for daily contact between individual freshmen and a mature and interested upperclassman or graduate. Twenty-six such resident adviserships have already been established in four dormitories and two fraternities. These resident advisers are carefully chosen, receive a small stipend from the University, and work in close coöperation with the General College staff in their personal contacts with the freshmen for whom they are responsible.

PROGRAMS OF STUDY

With a view to the most effective preparation of those who will proceed to degrees through any of the regular curricula, the General College offers programs of study as follows:

BACHELOR OF ARTS

Freshman Year

Required:
- English 1-2-3
- Social Science 1-2-3
- Hygiene 1-2-3

Choose one:
- Mathematics 1-2-3
- *Greek 11-12-13
- *Latin 11-12-13

Choose one:
- Chemistry 1-2-3
- Geology 21-22-23
- Physics 1-2-3
- Nat. Science 1-2-3

Choose one:
- *French 11-12-13
- *German 11-12-13
- *Greek 11-12-13
- *Latin 11-12-13
- *Spanish 11-12-13

Sophomore Year

Required:
- English 21-22-23
- Foreign Language 21-22-23 (Continuing the one chosen in the first year)

Choose one:
- Economics 21-22-23
- Education 41-42
- History 21-22-23
- History 41-42
- History 44-45-46
- Philosophy 21-22-23
- Philosophy 24-25-26
- Political Science 31-32-33
- Sociology 21-22-23

Choose one:
- Botany 41 and Zoölogy 41
- Botany 41 and 43
- Chemistry 1-2-3 or 4-5, or 31 and 41 (or 42)
- Geology 21-22-23
- Mathematics 21-22-23
- Physics 21-22-23
- Psychology 21-22-23
- Zoölogy 41 and 42

In addition choose one free elective—3 hours a week for the year.

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* Lacking adequate preparation, the student must take courses 1-2-3 in any foreign language.

BACHELOR OF SCIENCE IN COMMERCE

Freshman Year

Required:
- Nat. Science 1-2-3c
- English 1-2-3
- Social Science 1-2-3
- Mathematics 1c-2c-3c
- Hygiene 1-2-3

Choose one:
- *French 11-12-13
- *German 11-12-13
- *Spanish 11-12-13

Sophomore Year

Required:
- English 21-22-23
- Economics 21-22-23
- Economics 11 and 35

Continue one:
- French 21, 24-25
- Spanish 21, 24-25
- German 21-22-23

Choose one:
- Botany 41, 43
- Chemistry 1-2-3 or 4-5
- Geology 21-22-23 or 41-42
- Physics 21-22-23 or 24-25
- Zoölogy 41, 42

BACHELOR OF SCIENCE IN CHEMISTRY

Freshman Year

Chemistry 1-2-3
English 1-2-3
*German 11-12-13
Mathematics 1-2-3
Social Science 1-2-3
Hygiene 1-2-3

Sophomore Year

Chemistry 31,42, 41
English 21-22-23
**German 21-22-23
Mathematics 21-22-23 or 31-32-33

BACHELOR OF SCIENCE IN GEOLOGY

Freshman Year

Required:
- Geology 21-22-23
- English 1-2-3
- Mathematics 1-2-3
- Hygiene 1-2-3

Choose one:
- *French 11-12-13
- *German 11-12-13
- *Spanish 11-12-13

Sophomore Year

Chemistry 1-2-3
English 21-22-23
Geography 31-32-33
Social Science 1-2-3
Mathematics 41, 51, 52

BACHELOR OF SCIENCE IN PHYSICS

Freshman Year

Physics 1-2-3 or 21-22-23
English 1-2-3
*German 11-12-13 or French 11-12-13
Mathematics 1-2-3
Social Science 1-2-3
Hygiene 1-2-3

Sophomore Year

Required:
- English 21-22-23
- Mathematics 31-32-33 or 21-22-23
- **German 21-22-23 or French 21-22-23

Physics 55
Physics 56 or 52
Physics 42 or 54

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* Lacking adequate preparation, the student must take courses 1-2-3 in any foreign language.

** Scientific or technical German (24-25-26) may be taken for German 21-22-23.

BACHELOR OF SCIENCE IN MEDICINE

Freshman Year

Required:
- English 1-2-3
- Chemistry 1-2-3
- Mathematics 1-2-3
- Social Science 1-2-3
- Hygiene 1-2-3

†Choose one:
- *French 11-12-13
- *German 11-12-13

Sophomore Year

Required: English 21-22-23

†Continue one:
- French 21-22-23
- German 21-22-23

††Electives 5 or 6 hours.

Chemistry 31 and 42 and either Botany 41 and Zoöl. 41, 42 or Botany 41 and Physics 24-25

NOTE: In order to complete the academic part of this curriculum, the student must complete the third year's work including the courses not chosen in the group of sciences just above. See curriculum for S. B. in Medicine under College of Arts and Sciences.

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* Lacking adequate preparation, the student must take courses 1-2-3 in any foreign language.

† Note that, if both French and German are taken, the requirement will be met by three quarters of successful work in each; that is, by the completion of 1-2-3 or 11-12-13 French and 1-2-3 or 11-12-13 German.

†† It is suggested that this elective be Philosophy 41 or in history or political science.

THE COLLEGE OF ARTS AND SCIENCES

Frank Porter Graham, M.A., LL.D., D.C.L., Litt.D., *President*
Robert Burton House, A.M., *Dean of Administration*
Allan Wilson Hobbs, Ph.D., *Dean*

*THE ADMINISTRATIVE BOARD

William Frederick Prouty, Ph.D.
Mitchell Bennett Garrett, Ph.D.
Howard Russell Huse, Ph.D.
Corydon Perry Spruill, Jr., A.B., B.Litt.(Oxon.)
George Raleigh Coffman, Ph.D.
John Nathaniel Couch, Ph.D.
Millard Breckenridge, Ph.B., LL.B.
Ralph Walton Bost, Ph.D.
John Frederick Dashiell, Ph.D.
Karl Hartley Fussler, Ph.D.
Arnold Kimsey King, A.M.

GENERAL STATEMENT

Beginning with the year 1935-1936 the School of Education, the School of Applied Science, and the College of Liberal Arts were combined into one College, the College of Arts and Sciences. In addition to administrative simplicity there are certain other values to be expected from the combination. In the case of the School of Education it was thought that under the present arrangement there would be a closer coöperation between all the agencies in the University interested in teacher training, and due to the importance of this question such coöperation is greatly to be desired. We may say then that under the College of Arts and Sciences are grouped the regular Arts courses with majors in the various academic fields, the special Science courses having special Bachelor of Science degrees in Chemistry, Geology, Physics, and Medicine, and all undergraduate teacher training programs.

Students in the College of Arts and Sciences have completed the first two years of college work in this or some other institution of similar standards. Thus only the junior and senior years are represented. In this University the first two years for all students except those in the School of Pharmacy, are in the General College which has a Dean and a corps of Advisers whose purpose it is to see that students get started correctly and as nearly as possible in line with their aptitudes and interests.

The work of the College of Arts and Sciences is distributed among three Divisions known as the Division of the Humanities, the Division of Natural Sciences, and the Division of Social Sciences. Students who know what they expect to study at the beginning of the freshman year or at the beginning of the sophomore year have, through the options and the electives, the opportunity to prepare for almost any desirable specialization in the last two years. There has been set up, moreover a Division of Teacher Training for the purposes of administration, guidance, and program-making in that field.

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* The Dean of Administration, the Registrar, and the Dean of Students are *ex-officio* members of each Administrative Board.

At the beginning of the junior year a student expecting to enter the College of Arts and Sciences must choose one of the Divisions for his major work. He will then be under the direction of the Head of the Division and an Adviser from the Department of his major subject. The only students not so placed in Divisions will be candidates for the combined A.B.-L.L.B. degree and special students not candidates for any degree. Such students will be directly under the guidance of the Dean of the College.

It is the general understanding that during the junior and senior years a student in a Division will take about one-third of his work in one Department, one-third in allied Departments in the Division of his major, and one-third as free electives outside the Division. There are variations from the numerical aspects of this rule due to special circumstances and among the Divisions. It is also understood that a student shall have the right to submit a program of his own, which may be at variance with the regular divisional arrangement, to the Head of a Division and, if it is approved by the Advisory Board of the Division, he may follow it towards the appropriate degree. The requirements of the Divisions are explained later under the Divisions themselves, and as has already been said they vary somewhat among the Divisions and from the average figures.

Special attention should be called to the Bachelor of Arts degree with major in Music and to the Bachelor of Arts in Journalism. In addition to these are the Bachelor of Science courses in the special sciences of Chemistry, Geology, Physics, requiring the usual four-year program; the Bachelor of Science in Medicine, awarded at the end of the first year in the Medical School of this University; the A.B. degree after a specified program of two years in the General College, one in the College of Arts and Sciences, and one year in the School of Law of this University. The teacher training programs vary with the subjects to be taught in the high schools according to the schedules of the State Department of Education. Special attention is given to physical education and health programs for the schools by specialists in this field. The courses in dramatic art and the Carolina Playmakers furnish good opportunity for students interested in the theatre.

Attention should be called to the opportunities offered by the Summer Session for reducing the time spent in completing the work for degrees and for making changes from one program to another without loss of time. By this means students as late as the end of the sophomore year may change from a regular Bachelor of Arts program to one of the special Bachelor of Science programs.

TEACHER TRAINING

Special attention is given to the proper training of those who expect to teach in the high schools of the State. Through an arrangement with the Chapel Hill High School students are given the opportunity to observe a specially trained group of teachers at work and to take part in the teaching themselves. Training for persons who expect to work in Physical Education as well as to teach in the Schools is provided through the coöperation of the Medical School, the entire Athletic Staff, and the specialists in Physical Education.

Students intending to prepare for teaching are advised to consult with the Chairman of the Division of Teacher Training as early in their college careers as possible, both to give notice of their intention and to see that their courses in the subjects they intend to teach are properly chosen. It is advisable to prepare to teach in two fields. See programs of study in the Division of Teacher Training, page 102ff.

PREPARATION FOR THE STUDY OF LAW AND MEDICINE

Students preparing for the study of Medicine or of Law may do so in one of the following ways: (1) they may take the regular four-year course leading to the A.B. degree, choosing subjects proper to their purpose; (2) they may take the special courses leading to the A.B.-L.L.B. or the S.B. in Medicine; (3) they may take three years of academic work without the Bachelor's Degree in view, but with careful regard to meeting the exact requirements. Students preparing for dentistry should take at least the first two years of the pre-medical course.

*ADMISSION

Admission to the College of Arts and Sciences is based upon the satisfactory completion of the first two years in this University or another institution of similar standards, or in an approved junior college. By order of the Board of Trustees, women may enter the College of Arts and Sciences on the same terms as men. It is expected that at least half the grades received in the work presented for admission be of grade "C" or better.** In cases upon which there is doubt as to preparation credits granted will be of a tentative nature which must be validated by work taken in this University.

In general students entering the third year of college, which is the first year in the College of Arts and Sciences, should present at least sixty-four semester hours of college work, or ninety-six quarter hours, exclusive of physical education. This work should include two years of work in English, two in one foreign language above the entrance units, two years in one or one year in each of two natural sciences, two years in social science, including history, one year in mathematics or a classical language, one year of physical education, and sufficient electives to make the full two years of college work.

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* Each application for admission to advanced standing must be accompanied by a fee of five dollars ($5.00) as an earnest of good faith. If the applicant is not accepted, the fee is returned; if he is accepted and enrolls as a student, the fee (having been deposited with the University Cashier) will be applied against the bill at his first registration; if he is accepted but chooses not to enroll as a student here, the fee will be forfeited regardless of the reasons involved.

** This means 80 or higher in percentage grades with 70 as the passing grade.

In exceptional cases provision will be made for students who cannot meet the exact requirements, either to take the work needed here in the General College or to take examinations to prove that they are able to carry the work in the College of Arts and Sciences. In no case, however, will a degree be conferred without the completion of the full entrance requirements of this University either by examination or by certificate, the completion of the full course as required for the degree concerned, *and the additional requirement that the full work of the last year shall be done in residence at this University.*

If required freshman courses are taken after the student begins his seventh quarter or if required sophomore courses are taken after he begins his tenth quarter, only half credit is allowed.

CURRICULUM LEADING TO BACHELOR OF ARTS

In order to secure the degree of Bachelor of Arts it is necessary that the student complete fully the requirements set up in the General College for the first two years and follow this by meeting in full the requirements in one of the Divisions for the junior and senior years. See pages 90-92 for a statement of the requirements in the General College and pages 98-100 for the general requirements in the Divisions. The requirements for a "major" in any Department will be found in connection with the descriptions of courses offered by that Department.

Special attention is called to the academic curriculum leading to the combined A.B.-LL.B. See page 105. The academic requirements for the degree of S.B. in Medicine are shown on page 108. In these curricula students secure the degree of A.B. after three years of academic work and one year of law, and the degree of S.B. in Medicine after three years of academic and one year of medical work.

The minimum number of quarter hours for graduation is 192, including 6 quarter hours in Physical Education. If a subject has five class meetings a week for a quarter this subject carries five quarter hours. Laboratory work is considered in this evaluation as one quarter hour for two hours of scheduled work in the laboratory. It is entirely possible that a student could accumulate the minimum number of hours for graduation but still not have met the requirements of his Division. The requirements of the Division must be met regardless of the number of quarter hours taken.

There is no intention on the part of the University to evaluate education in terms of hours and courses, but since the usual time period in American Colleges is four years we give the time element in quarter hours and the content in courses for the convenience of the student.

In an effort to replace the time serving point of view by achievement the student is required to pass a comprehensive examination in his major subject. This examination is given four times a year, fall, winter, spring, and summer. To be eligible to take this examination the student must have completed the work of his major subject or receive the approval of the Head of his Major Department. The time of these examinations is usually soon after the middle of each quarter. Students in the program leading to A.B.-LL.B. or to the S.B. in Medicine do not take the comprehensive examination, but are awarded their Bachelor's degree upon the satisfactory completion of the first year in the School of Law or the School of Medicine, according to the regulations of these two Schools. It should be observed that the Bachelor's degree is awarded only upon the satisfactory completion of the first year in the School of Law or the School of Medicine in the University of North Carolina.

Students are advised to choose their major subjects if possible by the beginning of their second year, if not earlier, as the work in the major may be greatly facilitated by the proper choice of courses in the sophomore year. It is also highly desirable that all the requirements of the first two years be satisfied before entering one of the Divisions for the major work. The Summer Session may be used for this purpose by students who find themselves behind in their schedules.

THE DIVISIONS

For the purpose of better educational policy in regard to the student's choice of courses, sequences of courses, etc., the faculty is divided into three Divisions, the Division of the Humanities, the Division of the Social Sciences, and the Division of the Natural Sciences. As indicated above another division has been set up for administration, guidance, and program-making in the field of teacher training. The work of some Departments will be found in more than one Division and for convenience that of others may from time to time be shifted from one to another or be placed in more than one; courses in Departments listed in more than one division, however, cannot be counted both as allied to the major and as extra-divisional work.

The student should make up his mind by the end of his freshman year if possible what subject he wishes to make his major. In his sophomore year he should take whatever work he can looking towards his major. In his junior year he enters one of the Divisions and his work is directed by the requirements of the Division and by any special needs he may have in conference with the Head of the Division, or by a person designated for this purpose. Students taking the A.B.-LL.B. course do not fall in any Division but are under the direct charge of the Dean of the College of Arts and Sciences; those taking the S.B. in Medicine curriculum are in the Division of the Natural Sciences.

After full consideration and discussion the Divisions have arranged their general plans of operation with reference to requirements in the junior and seniors years as will be shown below. As ordered by the General Faculty in its action on the plan, it is understood that any individual may find it advisable to work out for himself a plan, submit that plan in detail to the Division of his choice, and ask for approval of the same. If such approval is granted, he may proceed towards his degree on that plan.

THE DIVISION OF THE HUMANITIES

William Morton Dey, Ph.D., *Chairman*
Howard Russell Huse, Ph.D., *Secretary*

After a student has selected his department of major interest, that department must require of him a minimum of six whole quarter courses, or the equivalent in whole and half courses, and may require a maximum of eight such courses. In the allied departments of the Division the student must take at least four such quarter courses and may take eight, distributed between at least two departments; not more than four of these divisional courses may be taken within one department. It is required that the student take from departments in the other Divisions at least four and not more than seven whole quarter courses, in all a sufficient number of courses to make a total of at least eighteen whole quarter courses over and above the full requirements of the General College.

The Departments of Instruction included in the Division of the Humanities are as follows:

- The Classics
- English
- Germanic Languages
- Romance Languages
- General and Comparative Literature
- History
- Philosophy
- Art
- Dramatic Art
- Music

Note that for the purpose of teacher-training the Division of Teacher Training is considered as allied to each Division.

Program for Honors Work

A student in one of the departments in the Division of the Humanities may as the result of distinguished work be awarded a degree with *Honors or Highest Honors.*

I. Application. At the end of the sophomore year or the beginning of the junior year the student with a good record for courses in the General College may become a candidate for honors by applying to the head of his major department or to the chairman of the departmental committee on honors, with whom he will confer on a unified program of work. The student who fails to register for honors before the second quarter of his junior year may be admitted to candidacy only upon application to the Advisory Board of the Division.

II. REQUIREMENTS. The honors student is expected to give evidence of ability to do work which in quality and quantity can be judged as outstanding. In addition to a good general knowledge of his major subject he must secure an intensive understanding of that special field which will form the background of his essay. To this end he should do, in term and in vacation, a large amount of reading additional to that assigned in his regular courses. (For reading courses see below, Section IV.) A grade average of B in the major subject will normally be considered as a minimum. The following are the formal requirements for an honors degree in the Division:

1. *Written comprehensive examination.*
2. *Essay.* This essay, which need not be a piece of original research, must be submitted in typed form by May first of the senior year.
3. *Oral examination.* This examination, one hour in length, will be limited to the student's special field.

All of the honors work must come up to a standard of excellence to be determined by the departmental committee, which shall have charge of the administration of the requirements and shall have the power to demand that a student return to his regular status. The candidates showing a superlative degree of ability and industry will be awarded *Highest Honors.*

III. ADVISER. To guide him in his reading and in the preparation of his essay a member of the staff of his major department will be assigned the honors candidate as a special adviser.

IV. EXEMPTION FROM CLASSROOM COURSES. The honors student may receive credit for as many as three reading courses. Such courses, with exemption from class attendance and the requirements of regular courses, should usually be taken during the first and second quarters of his senior year, though the departmental committee, on the recommendation of the special adviser, will have power to modify such a procedure. Only one of the three reading courses may be taken during the junior year, not more than two of them may be taken during a single quarter, and all three of them must be counted as belonging to the major subject. The honors candidate who upon his own initiative or the decision of the departmental committee abandons working for honors or who fails to satisfy all the formal requirements for an honors degree may, with the consent of the departmental committee, receive credit for the reading courses which he has completed.

THE DIVISION OF THE SOCIAL SCIENCES

Albert Ray Newsome, Ph.D., *Chairman*
Katharine Jocher, Ph.D., *Secretary*

This Division requires the student to complete a minimum of six whole quarter courses or the equivalent in whole and half courses in his chosen department of major interest. If however essential foundation courses in the major department have not been completed in the General College, a maximum of eight such courses may be required in that department. From five to seven courses in allied departments within the Division of the Social Sciences are required, and from Departments in the other Divisions at least five and not more than seven whole quarter courses, in all a sufficient number of courses to make a total of at least eighteen whole courses over and above the full requirements of the General College.

This Division includes the following Departments of Instruction:

Economics
Philosophy
Psychology
Sociology
History
Political Science
Rural Social-Economics

Note: See the note on the Division of Teacher Training above in connection with the Division of the Humanities.

THE DIVISION OF THE NATURAL SCIENCES

Robert Ervin Coker, Ph.D., *Chairman*
Floyd Harris Edmister, Ph.D., *Secretary*

The general requirements in this Division are as follows: six whole quarter courses or the equivalent in the department of major interest, six in allied departments of the Division, and six in departments in other Divisions, in all a total of eighteen courses.

By action of the Division it is agreed that courses taken in the General College (exclusive of regular freshman courses) may, in the discretion of the department concerned, be credited towards meeting the requirement for a major; and that similar courses in allied departments taken in the General College may, in the discretion of his department of major interest, be credited towards meeting the requirement of courses in allied departments. The purpose of this action is to give the student a larger opportunity to take courses in departments outside the Division.

The following Departments of Instruction are included in this Division:

Botany
Geology
Philosophy
Psychology
Chemistry
Mathematics
Physics
Zoölogy

Note: The place of the Division of Teacher Training is indicated above under the Division of the Humanities.

THE DIVISION OF TEACHER TRAINING

*HARL ROY DOUGLASS, Ph.D., *Chairman*
ARNOLD KIMSEY KING, A.M., *Acting-Chairman*

ADMINISTRATIVE BOARD

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ARNOLD KIMSEY KING, A.M., *Acting Chairman and Assistant Professor of the Teaching of History*

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* Duties to be assumed March, 1938.

SAMUEL THOMAS EMORY, M.A., *Assistant Professor of Geology*
EARL ANDERSON SLOCUM, M.M., *Assistant Professor of Music*
REX SHELTON WINSLOW, Ph.D., *Assistant Professor of Economics*
JOSEPH EDISON ADAMS, Ph.D., *Assistant Professor of Botany*
WALTER SPEARMAN, A.M., *Assistant Professor of Journalism*
RUSSELL TRAIN SMITH, A.B., M.Arch., *Assistant Professor of Art*

GENERAL STATEMENT

By trustee sanction and under direction of the all-University Division of Education, a local Division of Teacher Training has been organized as an integral part of the College of Arts and Sciences for the purposes of administration, guidance, and program-making in the field of teacher training in the University at Chapel Hill.

Undergraduate students who desire to prepare for secondary school teaching will be admitted to the Division after consultation with the Chairman or his representative. Each student shall follow the program of courses in Education outlined below. In addition he shall select one of the following as his major field of preparation; English, French, Latin, Mathematics, Music, Natural Science, Physical Education, or Social Science. With the advice of the department concerned (or Division in the cases of Natural Science and Social Science) the student shall follow one of the programs outlined below. A comprehensive examination is a part of the requirement for the completion of each major program. Each student is strongly advised to select a second or minor program in one of the fields listed above or in Dramatic Art; however, this is not required. Any combination of major and minor programs outlined below will be permitted. All students should consult with the Chairman of the Division of Teacher-Training regarding desirable teaching combinations which are commonly in demand. If the student chooses to prepare in only one field his additional electives must receive the approval of the Chairman of the Division.

The Advisory Board of the Division of Teacher-Training is composed of the members of the Department of Education and one representative from each of the other departments in the College of Arts and Sciences.

Education

The following courses in Education are required of all students to meet North Carolina requirements for certification: Education 41; 71; 98 or 99; one course in Materials and Methods; one course in Directed Teaching; and one elective in Education.

Dramatic Art

Students who choose a minor program in Dramatic Art will take the following courses: Dramatic Art 63; 64; and two of the following: 155, 161 and 162.

English

Students who choose a major program in English will be required to take: English 81; English 50; English 70, or by special permission 95; English 88, or 141, or by special permission 131; and unless exempted for sufficient reasons a course from one or two of the following groups: English 41, 42, or 44; English 52, 53, or 54; and English 95. Students shall select additional electives to make a total of thirty-five quarter hours chosen in consultation with the departmental advisor who will supply a list of especially recommended electives which in approved cases may include one course in Dramatic Art, English History, Philosophy, Comparative Literature, or Journalism.

Students who choose a minor program will be required to take: English 81; English 50; English 88, or 141, or by special permission one of the following: English 70, 95, 99, 125, or 131; unless exempted one of the following: English 52, 53, or 54; or when exempted from the latter requirement, an approved elective.

French

Students who choose a major program in French will take the following courses: French 51; 52; 71; 72; 126; 145; and 55 (when required), or 109, or 192. Those choosing a minor program will take: French 55 (when required), or 51; 71; 72; and 145. French 55 is required of all students whose knowledge of grammar is considered unsatisfactory.

Latin

Students who choose a major program in Latin will take the following courses: Latin 71; 51 or 52; and four additional courses one of which must be a translation course from: Latin 62, 76, 101, 102, 103, 104, 105, and 112. Those who choose a minor program will take Latin 71; 51 or 52 and two additional courses.

Mathematics

Students who choose a major program in mathematics will take the following courses: Math. 21-22-23, or 31-32-33; Math. 103 and additional mathematics courses to make a total of thirty quarter hours. It is recommended that the latter be selected from Math. 51-52, 104 and 131. Those who choose a minor program will take twenty quarter hours from the major programs.

Music

Students majoring in Music for the A.B. degree who desire to qualify for teaching should plan their work so as to include, in addition to the regular courses in the major, the courses in Education listed above. The student desiring to specialize in instrumental music should include at least two courses, selected according to his major instrument. Those who choose a minor program in music will take the following: Music 4-5-6; Music 24-25-26, or any two from: Music 54, 55, 56; and three quarter hours instruction in Voice.

Natural Science

The student who desires the degree of Bachelor of Science in Science Teaching will take the following program during his four years in the University:

	Quarter Hours
English 1-2-3; 21-22-23	18
Foreign Language 11-12-13; 21-22-23	18
Social Science 1-2-3	9
Math. 1-2-3; 21-22-23 (or 31-32-33) and 103	23 or 29
Chemistry 1-2-3; 31 and one other	24
Physics 21-22-23 and one other	17
Botany 41; 43	12
Geography 31-32-33 (or in special cases 2 others)	12
Zoölogy 41-42 and 103 or one other	17
Educ. 41; 71; 92; 98 (or 99); 191 and one other	30
Hygiene 1-2-3	6
*Elective	6
Minimum:	192

Students interested in a major program in Natural Science leading to the Bachelor of Arts degree will consult the Chairman of the Division of Natural Science or his representative for advice in planning a suitable program. The student who desires the minimum number of courses necessary for a teacher's certificate in North Carolina should take the following courses or their equivalent during his four years in the University: Physics 21-22-23; Chemistry 1-2-3; Botany 41; Zoölogy 41; one course in Geology; and one additional course in Natural Science.

Health and Physical Education

Students who choose a major program in Health and Physical Education will take the following courses: Physical Education 51, 52, 53, 71, 72, and 73; and Health Education 61 and 62. Those who choose a minor program will select four courses from the following: Physical Education 51, 52, and 53; and Health Education 61 and 62. In both the major and minor programs the student shall take Health Education 63 as one of his required courses in the Department of Education.

Social Science

As prerequisite to either the major or minor program in Social Science and to satisfy certain basic certification requirements all students must have the following courses or their equivalent: Social Science 1-2-3; History 21-22-23, and Political Science 51. It is recommended that these courses be completed by the end of the sophomore year. The student who chooses a major program may then pursue either of the following plans:

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* The elective work (if in science) may be chosen from the following subjects: mathematics, chemistry, physics, botany, zoölogy, physiology, bacheriology, geology, geography—subject to the approval of the Chairman of the Division of Teacher Training or his representative. The Head of the Department chosen will be consulted as to the suitability of particular courses for prospective teachers.

(1) A major of 6 or 7 courses in one of the following departments in the Division of the Social Sciences as prescribed by that department: Economics, History, Political Science, Rural Social-Economics, or Sociology; or

(2) A major in Social Science consisting of the following courses or their equivalent: Economics 61 and 62, 2 five-hour courses in history of junior-senior rank, Rural Social-Economics 101 except in case of out-of-state students who may substitute Rural Social-Economics 51 or 71, and Sociology 51 and either 151 or 181.

Students who choose a minor program will take the prerequisite work mentioned under the major program and three additional courses selected from any of the following fields: economics, history, political science, rural social-economics, or sociology.

CURRICULUM LEADING TO THE DEGREE OF A.B. IN JOURNALISM

The course of study for the first two years is the same as that required of other candidates for the A.B. degree.

The following courses are specified in the junior and senior years:

English 52 or 53 or 54.

Two courses in Economics.

American Government and one other course in Political Science to be approved by the Head of the Department of Journalism.

Two courses in American History or two courses in North Carolina History.

One course in Advertising given by the School of Commerce.

Four and one-half courses in Journalism.

Elective, six and one-half courses. While it is suggested that these may well come from Economics, Philosophy, English, or Foreign Languages, it is understood that they are not restricted and the student is free to take his choice from any courses of junior or senior grade in the College of Arts and Sciences.

ACADEMIC CURRICULUM FOR A.B.-LL.B.

Upon the completion of the courses in the General College and in the College of Arts and Sciences outlined below, with grades of C or better on at least half of the work, *and before matriculation in the School of Law*, and the completion of the first year of law to the satisfaction of the School of Law, a student may receive the degree of A.B., and, upon the satisfactory completion of the three years of law, the degree of LL.B., thus securing both degrees in six years instead of the seven years required for the two separately. The prescribed academic work is as follows:

First Year	*Second Year*	*Third Year*
English 1-2-3 Social Science 1-2-3 *Mathematics 1-2-3 Hygiene 1-2-3	English 21-22-23 History 21-22-23 or 44-45-46	Economics 61-62 (if not already taken)
Select one: †Greek 11-12-13 **Latin 11-12-13 †French 11-12-13 †German 11-12-13 †Spanish 11-12-13	Select one: Economics 21-22-23 Polit. Science 31-32-33 History 21-22-23 History 44-45-46 Philosophy 21-22-23 Philosophy 24-25-26 Sociology 21-22-23	††English 44 and one other course of 5 quarter hours in English ††History and Political Science—2 courses of 5 quarter hours each
Select one: Nat. Science 1-2-3 Chemistry 1-2-3 Geology 21-22-23 Physics 1-2-3	Select one: **Latin 21,24-25 Greek 21-22-23 French 21-22-23 German 21-22-23 Spanish 21-22-23	Psychology 21-22-23 (if not already taken)
	Select one: Botany 41, 43 Chemistry 1-2-3 or ‡4-5 or 31 and 41 ‡Physics 21-22-23 Zoölogy 41,42 Botany 41 and Zoölogy 41 Geology 21-22-23 Psychology 21-22-23	One or more electives as may be needed to complete 9 courses of 5 quarter hours each above the freshman and sophomore years

CURRICULA FOR THE DEGREE OF BACHELOR OF SCIENCE

For those students whose interest is in the applied sciences and who wish to enter seriously upon the pursuit of the specialized knowledge and techniques of the sciences the University offers several curricula leading to the degree of Bachelor of Science. Each of these provides for specialization in a particular science (or in the work of the Medical School), accompanied by the necessary instruction in related fields of science and a minimum requirement of work in English, foreign language, and other non-scientific fields. These curricula, which are designed to furnish the fundamental instruction for some of the technical professions, are four in number.

Bachelor of Science in Chemistry. Bachelor of Science in Geology.
Bachelor of Science in Medicine. Bachelor of Science in Physics.

If required freshman courses are taken after the student begins his seventh quarter or if required sophomore courses are taken after he begins his tenth quarter, only half credit is allowed.

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* For Mathematics 1-2-3 a classical language may be substituted provided the student meets by another language the regular requirement in foreign language.

† Lacking sufficient preparation in the chosen language, the student will take the 1-2-3 courses which cover the elementary work and the work of courses 11-12-13.

** If the student presents 2 units of Latin, he will take 11-12-13 (freshman year) and 21, 24-25 (sophomore year). If he presents more than 2 units of Latin, he begins his work in that language with the course for which he is prepared, making up by electives the courses omitted by reason of this action.

‡ Chemistry 4-5 is not to be taken if Chemistry 1-2-3 has been taken, nor may Physics 21-22-23 be taken if Physics 1-2-3 has been taken.

†† The School of Law recommends that the elective course in English be English 52 (Advanced Compostion) and that the electives in history and political science be in English and American history and political science.

BACHELOR OF SCIENCE IN CHEMISTRY

Freshman Year

Chemistry 1-2-3
English 1-2-3
*German 11-12-13
Mathematics 1-2-3
Social Science 1-2-3
Hygiene 1-2-3

Sophomore Year

Chemistry 31, 42, 41
English 21-22-23
**German 21-22-23
Mathematics 21-22-23 or 31-32-33

Junior and Senior Years

Chemistry 61, 62, 63, 181, 182, 183
Physics 21-22-23
Geology 101, 147
Botany 41 or Zoölogy 41
English 59
†Elective, 8 full quarter courses

BACHELOR OF SCIENCE IN GEOLOGY

Freshman Year

Required:
- Geology 21-22-23
- English 1-2-3
- Mathematics 1-2-3
- Hygiene 1-2-3

Choose one:
- *French 11-12-13
- *German 11-12-13
- *Spanish 11-12-13

Sophomore Year

Chemistry 1-2-3
English 21-22-23
Geography 31-32-33
Social Science 1-2-3
Mathematics 41, 51, 52

Junior Year

Geology 101, 102, 103
Physics 21-22-23
Elective of 5 hours
English 59 and 44 or
**Foreign Language 21-22-23

Senior Year

Geology 104, 105, 106
Geology 107, 108, 109
††Zoölogy 41 or Botanical 41
Two electives of five hours each.

BACHELOR OF SCIENCE IN MEDICINE

The University recommends to each applicant for admission to its Medical School that he prepare himself as fully as his age and resources permit. If possible he should first secure a bachelor's degree, either A.B. or S.B., before beginning his professional study. If this is impracticable, he may secure excellent preparation by completing the academic curriculum, outlined below, leading to the degree of Bachelor of Science in Medicine. The degree is conferred upon the completion of the first year of work offered in the medical school.

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* Lacking adequate preparation, the student must take courses 1-2-3 in any foreign language.

** If desired, scientific or technical German will be offered in German 24-25-26.

† Of these electives 3 must be in a field in natural science and may be in chemistry (selected from 191, 192, 193; 145, 146, 147; 143; 163, 167a, 167b, 168a; 151, 152, 153). The 5 remaining electives may be taken in any field except chemistry.

†† In special cases an advanced course in a science other than geology may be substituted.

NOTE: Students pursuing the academic subjects listed below are hereby notified that the completion of these courses does not necessarily mean admission to our School of Medicine. From the rather long list of applicants are chosen thirty-six who are deemed the most promising material for admission to our School. No arrangement exists for granting the degree of S. B. in Medicine for work in any medical school other than ours. Therefore, in order to secure our S.B. in Medicine, the student must complete the first year of work offered in our School of Medicine and in no other such school. To be eligible for the degree of S.B. in Medicine, at least the last year of pre-medical work must have been done in this institution.

First Year

Chemistry 1-2-3
English 1-2-3
Mathematics 1-2-3
Social Science 1-2-3
*Foreign Language 11-12-13
(French or German)
Hygiene 1-2-3

Second Year

English 21-22-23
*Foreign Languages 21-22-23
(French or German)
Botany 41, Zoölogy 41, 42 or
Botany 41, Physics 24, 25
Chemistry 31, 42
Elective, 1 course

Third Year

Psychology 21-22-23
Chemistry 61, 62, 63
Zoölogy 41, 42 or
Physics 24, 25
Elective, 1 course

BACHELOR OF SCIENCE IN PHYSICS

Freshman Year

††Physics 1-2-3, or 21-22-23
English 1-2-3
Mathematics 1-2-3
Social Science 1-2-3
†French or German 11-12-13
Hygiene 1-2-3

Sophomore Year

Physics 55; 56 or 52; 42 or 54
English 21-22-23
Math. 31-32-33 or ***21-22-23
French or **German 21-22-23

In the junior and senior years, one who expects to work in industrial physics can specialize in experimental courses, while one interested in theoretical physics can specialize in more mathematical courses. Credit of 192 hours as a minimum is required for graduation.

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* The intermediate course (11-12-13) in French or German or both are to be taken provided the student shows evidence of adequate preparation; otherwise he takes the elementary courses, (1-2-3) in the language or languages. The elementary courses, meeting six hours a week, are designed to cover both the elementary and intermediate work. In case both French and German are elected, the requirement is met in three quarters (courses 1-2-3 or 11-12-13); in case only one language is taken, courses 21-22-23 also must be completed, six quarters in all being required.

† Lacking adequate preparation, the student must take courses 1-2-3 in French or German.

†† Students who have a grade of A or B in Physics 1 may take Physics 22 and 23 in place of Physics 2 and 3, subject to the approval of the instructor.

** If desired, scientific or technical German will be offered in German 24-25-26.

*** If Mathematics 21-22-23 is chosen the student must take an elective course of three hours a week through the year. Mathematics 31-32-33 is recommended.

Junior Year

Physics 53; 52 or 56; 58
Math. 41, 141
Chem. 1, 2, 3
English 59
Electives, 5 to 8 quarter hrs. in some other field than physics.

Senior Year

Electives, 3 to 4 courses in some other field than physics.

Five courses from the following, at least three being in Physics:

- Physics 91, 101, 105, 106, 110, 120, 140, 141, 160, 161, 170
- Math. 104, 111, 121, 122, 123, 131, 161, 171
- Chem. 42, 61, 62, 181, 182, 183

THE SCHOOL OF COMMERCE

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Robert Burton House, A.M., *Dean of Administration*
Dudley deWitt Carroll, M.A., *Dean*
John Brooks Woosley, Ph.D., *Chairman, Graduate Studies and Research*
Erich Walter Zimmermann, Ph.D., *Chairman, Committee on the Library*

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Earle Ewart Peacock, M.B.A.
John Brooks Woosley, Ph.D.
Corydon Perry Spruill, Jr., A.B., B.Litt.(Oxon.)
Almonte Charles Howell, Ph.D.
Richard J. Mendenhall Hobbs, A.B., LL.B.

GENERAL STATEMENT

Though courses of instruction in economics and in certain business subjects had been offered for many years in the University of North Carolina, not until 1919 was there established a comprehensive, well-organized business curriculum. In that year, the Legislature, in conformity with the recommendations of the President and the Board of Trustees, enacted the legislation which resulted in the immediate organization of the School of Commerce. The School occupies a place in the University organization which is coördinate in standing and equipment with the College of Arts and Sciences.

The undergraduate course of study, leading to the degree of Bachelor of Science in Commerce, covers a period of four years and is designed to give a foundation of broad and general culture, and, at the same time, supply a definite and practical training to those who intend to engage in any of the great lines of industrial and commercial activity. For those desiring more intensive specialization, the School of Commerce offers graduate courses leading to the degree of Master of Science in Commerce.

AIM AND PURPOSE

The phenomenal industrial development of the South in recent years has produced an imperative need for trained business men. The School of Commerce in a large sense is the expression of the University's desire to serve this special need of its own particular section. To this end substantial support has been accorded the School both by the University and the state as a whole. In consequence the School has been provided with a large and able corps of instructors, with spacious quarters in Bingham Hall, and thoroughly modern teaching facilities.

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* The Dean of Administration, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

It is the purpose of the School of Commerce to provide its students with as thorough and scientific business training as it is possible to give within the range of the subject which it attempts to cover. Its teaching policy assumes that such training should consist not only of the requisite understanding of the principles and methodology which govern the organization and administration of typical business enterprises, but in addition an understanding of the problems and the larger relationships of the economic organization as a whole. In his attempt to master the technical and the vocational aspects of business, the student will not be permitted to lose sight of the social and cultural.

TEACHING POLICY

Wherever possible, the plan is followed of presenting the subject-matter of the various courses from the point of view of the executive, always bearing in mind that the executive's field of interest includes the broad outside relationships as well as the internal administration of his business. Adherence to this common point of view prevents confusion in the mind of the student, and enables him to place the problems and practices of business in their true perspective.

Within the short space of time at his disposal, it is impossible for the student to investigate in detail the entire field of business. It is therefore the policy of the School of Commerce to supplement the general survey which is required of every student with a more intensive study of that portion of the field which is of especial interest to him. To this end there have been prepared for the student certain groupings of closely related courses. The groupings have been made in such a way as to correspond to certain major functions which must be performed in the successful administration of a business enterprise.

These functions may be designated as follows: (1) production; (2) finance; (3) marketing and selling; (4) management of personnel; (5) risk and insurance; (6) accounting.

In addition to these groups, which have been constructed to conform with the major business functions, certain others have also been provided. The first of these offers special study in the field of foreign trade. It is so devised as to be of value not only to those intending to engage in some branch of export or import trade, but also to be of material aid to those looking forward to careers in connection with the diplomatic and consular service.

SCOPE OF SPECIALIZATION

Specialization in the manner here indicated, however, does not begin until the senior year, except in the accounting, marketing, and merchandising groups. The School of Commerce accepts the principle that a broad and thorough training in fundamentals, as well as some maturity of mind, should precede any high degree of specialization. Whether the educational process be viewed as a training of the mental faculties, or as the acquisition of a fund of knowledge, it is equally imperative that the materials of study be definite and compact. Arrangement and treatment must be so designed as to assure results which are cumulative and which have continuity of direction.

To this end the undergraduate curriculum of the School of Commerce is arranged in logical sequence, with the same requirements imposed upon virtually all candidates for degrees until the senior year is reached. During his freshman and sophomore years in the General College the student is required to follow a path of study which closely parallels the liberal arts course. The first year's work includes English composition, mathematics, social science, biological science, and a modern language. In the second year are courses in general economics, industrial history, English and American Literature, a natural science, and a continuance of the chosen modern language.

In his junior year the student devotes most of his time to required courses in economics, commerce, psychology, and government, which include money and banking, business organization, accounting, economic statistics, general psychology, and American federal government.

In the senior year specialization begins through the election by the student of his preferred group of courses from the list outlined above. It is to be noted that the freedom to elect does not apply to courses regarded singly, but only to courses as they are arranged in more or less standardized groups. Having chosen a given group, the student is expected to satisfy its requirements in full unless a substitute program has been submitted to and approved by the Administrative Board of the School.

In all of the groups two courses in business law are required, and one course on the relationship between government and business. A fourth requirement common to all groups is a choice either of the course in Theories of Economic Reform, or of the course in Labor Problems. This leaves in each group from five to six courses which constitute the subject matter of specialization.

IMPORTANCE OF GRADUATE STUDY

From the preceding survey of the undergraduate curriculum it is apparent that those students who are desirous of securing the benefits of thorough specialized training and intensive research work should continue in the University for at least one year of graduate study.

The Administrative Board of the School strongly urges the advisability of such an additional year for the superior student. Equipped with his undergraduate training, unburdened of the formal routine of courses which have been preparatory in nature, the graduate student is free to concentrate his full powers upon the subject of his choice. His attitude changes from one of receptivity and acquiescence to one of active inquiry and initiative. He is charged with the responsibility of finding new materials, new arrays of facts, and subjecting them to his own independent analysis, to the end that new relationships may be discovered or new evaluations made. His initiative, his analytical and creative powers, his quality of persistence, are tested and developed to a degree impossible of attainment in the undergraduate years.

The School of Commerce is prepared to offer graduate instruction and facilities for graduate research activities in the fields indicated by the senior study groups. Courses have been developed exclusively for graduate students. They are designed primarily for the encouragement and guidance of research activity, and in consequence are conducted informally and on a basis of close personal contact between professor and student.

GRADUATE DEGREES

The School of Commerce offers through the Graduate School the graduate degree of Master of Science in Commerce. Candidacy for this degree is conditioned upon the holding of a degree of S.B. in Commerce from this institution or from another institution of approved standing where the work required in commerce is of substantially the same nature and volume. Graduates of other institutions who hold the A.B. degree are advised to register as candidates for the Master of Arts degree, with a major in economics. In this way a limited number of commerce courses may be secured for graduate credit; or, if the student desires, by prolonging the period of residence, the undergraduate deficiencies may be removed, leaving the path clear for the degree of Master of Science in Commerce.

The Department of Economics and Commerce offers through the Graduate School the degree of Doctor of Philosophy. It is possible under this arrangement to take a major in either field and a minor in the other.

Graduates of other institutions desiring to enter as candidates for higher degrees should submit their records together with application for entrance to the Dean of the Graduate School.

The conferring of the degree of Master of Science in Commerce assumes as a minimum the completion of nine full courses or their equivalent as approved by the Dean, a residence period of at least one year, and the completion of a thesis which embodies the results of original research work on the part of the student. (For further details see the catalogue of the Graduate School.)

SPECIAL STUDENTS

There are many young people already in business who feel the need of additional special training but who are unable to spend the full four years at the University, or who cannot provide proper entrance credits. Recognizing this, the School of Commerce will admit students of twenty-one years of age or over, who cannot fulfill the entrance requirements, as special students but not as candidates for degrees. Such students must supply satisfactory evidence of their ability to profit from the courses. Such evidence must include testimonials from former employers certifying to the term, nature, and quality of their work. A personal interview with the Dean is also recommended. Special students are admitted on probation.

LIBRARY FACILITIES

In addition to the facilities afforded by the general library of the University, the School of Commerce is equipped with its own special collection of materials. In the latter are contained a large number of the economic and business publications of recent years which may be of value to the student. An annual fund of about $2,500 assures that the collection will be well-maintained and kept up-to-date.

Especially noteworthy is the collection of periodical publications. Most of the important periodicals in the general field of business and finance are regularly received. In addition, the School of Commerce is a regular subscriber to over fifty trade journals, and to the statistical services of Moody, Brookmire, Gibson, the Babson Institute, and the Standard Statistics Company. The Harvard and Cambridge Economic Surveys are also provided.

A full-time librarian is in charge and is prepared to aid students in the collection of such materials for research work as may no be currently available in the University. Special library privileges are accorded graduate students who have access to the stack rooms and private desk space.

LECTURES AND OBSERVATIONS TRIPS

Students are expected to take advantage of the frequent opportunities to hear lectures offered by prominent business men who are invited to the University for this purpose. These lectures will prove of great value to the student in furthering his acquaintance with the practical aspects of business.

From time to time the classes in business subjects make visits to neighboring factories and other types of business institutions for the purpose of making first-hand studies of organization and administrative methods.

BUSINESS CLINICS

In addition to formal lectures, the school from time to time arranges for recognized business leaders to come to the University for informal discussion of current business problems in their respective fields. The virtue of this arrangement is that the informal discussion of problems in a particular field will give the student a clearer understanding of the actual every-day aspects of business.

STENOGRAPHY

No credit toward the degree is given for stenography but every student is urged to acquire facility in the use of it before graduation. Instruction in this subject is not offered by the University but can be secured in Chapel Hill in a private school.

SOCIETIES

Beta Gamma Sigma, recognized by the American Association of Collegiate Schools of Business as the national scholarship fraternity in Commerce and Business, maintains a chapter, Alpha of North Carolina, at the University. Eligible for membership in this organization are those students ranking scholastically in the highest tenth of the Senior Class and the highest two per cent of the Junior Class.

STANDARDS OF WORK

The School was admitted to membership in the American Association of Collegiate Schools of Business in 1923. This is an organization formed for the promotion of thorough-going, scientific training for the business profession. It maintains high standards of membership based on the number and training of the faculty, the thoroughness of the work, the length and breadth of the curriculum, the number of students, the financial backing of the school, and the facilities for carrying on the work.

STUDENT HABITS

Training for business, if it is to be worthy of the name, should include at least two elements: first, an understanding of the principles and processes of business; and second, the practice of habits of work essential to business success. Observation appears to justify the conclusion that promptness, industry, systematic application, and honest performance are quite as vital to mastery in the business world as an understanding of the nature of industrial and commercial phenomena. It is wasteful, then, to allow students to proceed far in this field if they are unwilling to fashion their habits in conformity with these essential requirements. The policy of the School will be to drop from its rolls any student who after a reasonable time fails to respond to the above standards. Attendance on classes and promptness and regularity in performing assigned work are judged in terms of the above principle.

FELLOWSHIPS AND ASSISTANTSHIPS

Two teaching fellowships, each of an annual value of $500 plus free tuition in the Graduate School, are annually awarded in the Department of Economics and Commerce. The recipients may be called on to do teaching or other duties in the Department not exceeding one-third of their time. Applications should be made prior to March 1.

A number of graduate and undergraduate assistantships, with stipends ranging up to $450 plus free tuition in the Graduate School, are awarded each year. The duties consist of grading papers, conducting laboratories, chart construction, etc.

*ADMISSION

Admission to the School of Commerce is based upon the satisfactory completion of the first two years of college work given in the General College of this University or its equivalent certified by another institution of recognized academic standing.** By order of the Board of Trustees women may enter the School of Commerce on the same terms as men. Based on fifteen entrance units which conform to the admission requirements of the General College, the subjects covered in the first two years are as follows:

Freshman Year

English 1-2-3
Mathematics 1c-2c-3c
Social Science 1-2-3
Natural Science 1-2-3c
†French 11-12-13, or
†Spanish 11-12-13, or
†German 11-12-13
Hygiene 1-2-3

Sophomore Year

English 21-22-23
Economics 21-22-23
Economics 11
Economics 35
French 21, 24-25, or
Spanish 21, 24-25, or
German 21-22-23
Zoölogy 41, 42, or
Botany 41, 43, or
Chemistry 1-2-3, or
Physics 21-22-23, or
Geology 21-22-23

Satisfactory completion of the first two years of college work is interpreted to mean that at least half the credits are of C grade or better (C on a percentage basis covers the range from 80% to 90% with 70 as a minimum passing grade).

CURRICULA LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN COMMERCE

The degree of Bachelor of Science in Commerce will be conferred upon students who complete any one of the following curricula and in addition pass a comprehensive examination in the field of economics and commerce. An additional requirement for graduation is that the grades in at least half the work of a student shall be C or higher.

In order that the junior and senior subjects may be chosen in such a way as to constitute a coherent and comprehensive whole, rather than an unrelated and scattered series, the following programs have been devised. Each student is expected to elect at the beginning of his junior year the group which best serves his needs and to adhere to it. However, students whose interests do not coincide with any of the following groups are invited to submit an alternative program for the approval of the Administrative Board of the School.

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* The outline of the work of the first two years is shown since the required work differs in some particulars from that of the College of Arts and Sciences.

** See footnote on page 95 for fee to be sent with an application for admission.

† The student who is not qualfied to pursue the intermediate courses may take courses numbered 1-2-3, which cover both the elementary and intermediate work and prepare one to pursue the advanced courses.

I. FACTORY ORGANIZATION AND ADMINISTRATION

Junior Year

Commerce 5	Business Organization
Commerce 71-72	Accounting Principles
Economics 81-82	Principles of Money and Banking
Economics 170	Economic Statistics
Political Science 51	Government of the United States
Psychology 21-22-23	General Psychology

Senior Year

Commerce 91-92	Business Law
Commerce 151	Principles of Industrial Management
Commerce 155	Personnel Management
Commerce 173	Cost Accounting
Commerce 191	Corporation Finance
Economics 131	Economic Theory
Economics 191	An Introduction to the Labor Problem
or	
Economics 195	Theories of Economic Reform
Economics 197	Government and Business

Select one course from the following:

Economics 141	Public Finance
Rural Economics 134	County Government and Administration

*English elective, *Philosophy elective, *Political Science elective.

II. BANKING AND FINANCE

Junior Year

Commerce 51	Business Organization
Commerce 71-72	Accounting Principles
Economics 81-82	Money and Banking
Economics 170	Economic Statistics
Political Science 51	Government of the United States
Psychology 21-22-23	General Psychology

Senior Year

Commerce 91-92	Business Law
Commerce 181	Advanced Banking and Foreign Exchange
Commerce 191	Corporation Finance
Commerce 195	Investments
Economics 131	Economic Theory
Economics 185	Business Cycles
Economics 191	An Introduction to the Labor Problem
or	
Economics 195	Theories of Economic Reform
Economics 197	Government and Business

Select one course from the following:

Economics 141	Public Finance
Rural Economics 134	County Government and Administration

*English elective, *Philosophy elective, *Political Science elective.

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* The elective must be approved by the Dean.

III. MARKETING, MERCHANDISING, ADVERTISING

Junior Year

Commerce 51	Business Organization
Commerce 71-72	Accounting Principles
Economics 81-82	Money and Banking
Economics 124	Principles of Marketing
Economics 170	Economic Statistics
Psychology 21-22-23	General Psychology

Senior Year

Select three from the following:	
Commerce 61	Sales Management
Commerce 161	Advertising
Commerce 163	Advanced Course in Marketing
Commerce 165	Retail Distribution
Commerce 91-92	Business Law
Economics 131	Economic Theory
Economics 191	An Introduction to the Labor Problem
or	
Economics 195	Theories of Economic Reform
Economics 197	Government and Business
Political Science 51	Government of the United States
Select one course from the following:	
Economics 141	Public Finance
Rural Economics 134	County Government and Administration

*English elective, *Philosophy elective, *Political Science elective.

IV. PERSONNEL MANAGEMENT

Junior Year

Commerce 51	Business Organization
Commerce 71-72	Accounting Principles
Economics 81-82	Money and Banking
Economics 170	Economic Statistics
Political Science 51	Government of the United States
Psychology 21-22-23	General Psychology

Senior Year

Commerce 91-92	Business Law
Commerce 151	Principles of Industrial Management
Commerce 155	Personnel Management
Economics 131	Economic Theory
Economics 191	An Introduction to the Labor Problem
Economics 195	Theories of Economic Reform
Economics 197	Government and Business
Psychology 135	Economic Psychology: Industrial and Vocational
or	
Sociology 51	Introduction to Sociology
Select one course from the following:	
Economics 141	Public Finance
Rural Economics 134	County Government and Administration

*English elective, *Philosophy elective, *Political Science elective.

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* This elective must be approved by the Dean.

V. RISK-BEARING AND INSURANCE

Junior Year

Commerce 51	Business Organization
Commerce 71-72	Accounting Principles
Economics 81-82	Money and Banking
Economics 170	Economic Statistics
Political Science 51	Government of the United States
Psychology 21-22-23	General Psychology

Senior Year

Commerce 91-92	Business Law
Commerce 61	Sales Management
or	
Commerce 191	Corporation Finance
Commerce 121	Insurance: Life
Commerce 122	Insurance: Fire, Marine, Bond, and Title
Economics 121	Risk and Risk-Bearing
Economics 131	Economic Theory
Economics 191	An Introduction to the Labor Problem
or	
Economics 195	Theories of Economic Reform
Economics 197	Government and Business

Select one course from the following:

Economics 141	Public Finance
Rural Economics 134	County Government and Administration

*English elective, *Philosophy elective, *Political Science elective.

VI. FOUNDATION FOR LAW

Junior Year

Commerce 51	Business Organization
Commerce 71-72	Accounting Principles
Economics 81-82	Money and Banking
Economics 170	Economic Statistics
Political Science 51	Government of the United States
Psychology 21-22-23	General Psychology

Senior Year

Commerce 191	Corporation Finance
Commerce 195	Investments
Economics 131	Economic Theory
Economics 141	Public Finance
Economics 191	An Introduction to the Labor Problem
or	
Economics 195	Theories of Economic Reform
Economics 197	Government and Business
Political Science 81	American State Government

Select three additional courses offered by the Department of Economics and Commerce

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* This elective must be approved by the Dean.

VII. ACCOUNTANCY

Junior Year

Commerce 51	Business Organization
Commerce 71-72	Accounting Principles
Commerce 171	Advanced Accounting
Economics 81-82	Money and Banking
Economics 170	Economic Statistics
Psychology 21-22-23	General Psychology

Senior Year

Commerce 91-92	Business Law
Commerce 173	Cost Accounting
Commerce 175	Auditing
Commerce 191	Corporation Finance
Economics 131	Economic Theory
Economics 191	An Introduction to the Labor Problem
or	
Economics 195	Theories of Economic Reform
Economics 197	Government and Business
Political Science 51	Government of the United States
Political Science 81	American State Government
or	
Political Science 132	American Municipal Government
or	
Political Science 134	County Government and Administration

VIII. FOREIGN TRADE AND THE CONSULAR SERVICE

NOTE: It should be understood that this program merely lays the foundation for more advanced and specialized study prerequisite to the proper preparation of candidates for the diplomatic and consular service. One general course in Foreign Trade Technique cannot be expected to substitute for an apprenticeship in that field, but it should materially shorten it.

Junior Year

Commerce 51	Business Organization
Commerce 71-72	Accounting Principles
Economics 81-82	Money and Banking
Economics 170	Economic Statistics
Political Science 51	Government of the United States
Psychology 21-22-23	General Psychology

Senior Year

Commerce 91-92	Business Law
Commerce 169	Foreign Trade Practice
Commerce 181	Advanced Banking and Foreign Exchange
Economics 124	Principles of Marketing
Economics 131	Economic Theory
Economics 161	Theory of International Trade
Economics 191	An Introduction to the Labor Problem
or	
Economics 195	Theories of Economic Reform
Economics 197	Government and Business
Political Science 52	The Governments of Europe

IX. GENERAL COURSE

Junior Year

Commerce 51	Business Organization
Commerce 71-72	Accounting Principles
Economics 81-82	Money and Banking
Economics 170	Economic Statistics
Political Science 51	Government of the United States
Psychology 21-22-23	General Psychology

Senior Year

Commerce 91-92	Business Law
Economics 131	Economic Theory
Economics 121	Risk and Risk-Bearing
or	
Economics 185	Business Cycles
Economics 191	An Introduction to the Labor Problem
or	
Economics 195	Theories of Economic Reform
Economics 197	Government and Business
Select one course from the following:	
Economics 141	Public Finance
Rural Economics 134	County Government and Administration
*English elective, *Philosophy elective,	*Political Science elective.
Select three additional courses offered by the Department of Economics and Commerce	

X. COMBINED COURSE IN COMMERCE AND LAW

The University offers a combined curriculum which leads to the degree of S.B. in Commerce at the end of four years and LL.B. at the end of six years.

The first two years of this combined course are given in the General College with the addition of Political Science 51 and English 45 or 52 in the second year. The third year is given in the School of Commerce and includes the following courses:

Commerce 51	Business Organization
Commerce 71-72	Accounting Principles
Economics 81-82	Money and Banking
Economics 131	Economic Theory
Economics 191	An Introduction to the Labor Problem
or	
Economics 195	Theories of Economic Reform
Psychology 21-22-23	General Psychology
Select one additional course offered by the Department of Economics and Commerce	

Upon completion of the above program with grades of C or better on at least half the work, the student enters the School of Law. The degree of S.B. in Commerce is conferred at the end of the fourth year (first year in Law) provided the student has passed all the work of the first year of Law to the satisfaction of the School of Law.

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* This elective must be approved by the Dean.

PART FOUR
ACADEMIC DEPARTMENTS

DESCRIPTIONS OF COURSES

In this section are listed and described all courses offered in the regular sessions of the University except those in the professional schools of Law, Medicine, Pharmacy, and Library Science. For courses in these schools see the special bulletins.

In foot-notes to each Department are shown the various requirements for majors.

NOTES ON THE METHOD OF NUMBERING AND COUNTING COURSES

The work of the University, except in the School of Law, and in the first year in the School of Medicine, is arranged and offered on the quarter system, the regular session being divided into three approximately equal parts called the fall, winter ,and spring quarters. The summer session of twelve weeks is divided into two terms of six weeks each.

Work is valued and credited by quarter hours, *one such hour being allowed for each classmeeting a week for a quarter, laboratory or field work counting one hour for each two hours of work in laboratory or field. In the following announcements of courses the numbers in parenthesis following the descriptive titles show the credits allowed in quarter hours.

In the event that required freshmen subjects are taken after a student begins his seventh quarter or required sophomore subjects after he begins his tenth quarter, such subjects carry half credit only. This rule applies to the class registered as freshmen in the year 1925-1926 and to all later registrants.

**Courses numbered from 1 to 10 are for freshmen only, from 11 to 20 are ordinarily for freshmen and sophomores, from 21 to 40 for sophomores, from 41 to 50 for sophomores (but open to juniors or seniors), from 51 to 100 for juniors and seniors, from 101 to 200 for advanced undergraduates and graduates, from 201 to 400 for graduates only. Courses numbered 301 to 400 are research courses. Undergraduates may not take courses numbered above 200 except by special permission of the instructor in the course *and* the head of the department. Courses numbered from 1 to 100 carry no credit towards any advanced degree.

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* In the case of elementary course in foreign language taken by those who do not qualify for the regular freshman courses of collegiate grade the work is counted towards a degree as of the same value as the regular freshman courses.

** Courses in chemistry for undergraduates are grouped by decades under the headings inorganic, analytical, organic, etc.

DEPARTMENT OF ART

Assistant Professor: RUSSELL T. SMITH

41. THE HISTORY AND APPRECIATION OF MEDIEVAL ART (5).

The study of Early Christian art and the art of the Middle Ages. A lecture course with lantern slides. *Five hours a week, fall quarter.* Professor Smith.

42. THE HISTORY AND APPRECIATION OF RENAISSANCE ART (5).

The study of the art of the Middle Ages leading up to the Renaissance and the flowering of the Renaissance. A lecture course with lantern slides. *Five hours a week, winter quarter.* Professor Smith.

43. THE HISTORY AND APPRECIATION OF MODERN ART (5).

The study of art from the Renaissance to the present day. A lecture course with lantern slides. *Five hours a week, spring quarter.* Professor Smith.

44. ELEMENTARY DRAWING (3).

General studio course which will entail criticism of representation and design in various black and white mediums such as pencil, crayon, pen and ink, woodcarving, etching, and drypoint. When possible, students will work from nature. *Nine studio hours a week, fall quarter.* Professor Smith.

45. ELEMENTARY COLOR (3).

General studio course which will entail criticism of representation and design in various color mediums such as watercolor, oil, tempera, and gouache. When possible, students will work from nature. *Nine studio hours a week, winter quarter.* Professor Smith.

46. ELEMENTARY COMPOSITION (3).

Studio course designed to begin the study of composition, with criticism in one or more of the mediums in which the student has shown facility. *Nine studio hours a week, spring quarter.* Professor Smith.

71. ADVANCED FORM AND COLOR (3). Prerequisite, Art 44, 45, 46.

Studio course dealing with the study of values and representation, with criticism in advanced problems. *Nine studio hours a week, fall quarter.* Professor Smith.

72. LETTERING AND PERSPECTIVE (3). Prerequisite, Art 44, 45, 46.

Studio course in which lettering will be studied from the artistic and historical side with reference to art. It will also include the study of the elements of perspective as related to architecture and painting. *Nine studio hours a week, winter quarter.* Professor Smith.

73. COMPOSITION (3). Prerequisite, Art 44, 45, 46.

Studio course dealing with advanced composition in portrait and landscape painting. *Nine studio hours a week, spring quarter.* Professor Smith.

NOTE: All studio courses carry a fee of $5.00 a quarter for students enrolled in the University. Special students not regularly enrolled in the University may take studio courses for a fee of $25.00 a quarter.

101, 102, 103. SPECIAL STUDIES (3 each). Prerequisite, Art 41, 42, 43.

These courses are designed for advanced study in the history of art, taking up special fields in detail through reading assignments, weekly reports, and occasional lectures. Assistance may be given to competent juniors, seniors, and graduates who may propose further study or research in the field. These courses may be taken separately. *Three hours a week, fall, winter, and spring quarters.* Professor Smith.

104. SURFACE ANATOMY (3). Prerequisite, Art 44, 45, 46.

This course, to be given under the direction of the Anatomy Department of the School of Medicine, will consist of a series of lectures supplemented by textbook study, the use of anatomical models and charts, and occasional demonstrations on the living model. *Three hours a week, spring quarter.* Dr. Low.

BIBLICAL HISTORY AND LITERATURE

Professors: W. S. BERNARD, W. E. CALDWELL, J. P. HARLAND, A. C. HOWELL.

Courses for Undergraduates

58. THE GREEK NEW TESTAMENT (5). Prerequisite, Greek 11-12-13.

St. Mark's Gospel, with selections from other parts of the New Testament. This course is designed for students who wish a more intimate knowledge of the Bible in its original language and especially for divinity and Y. M. C. A. students. *Five hours a week, one quarter, on application.* Professor Bernard. (See Greek 58.)

85. ARCHAEOLOGY AND THE BIBLE (5).

The results of the explorations and excavations in Palestine will be studied for the light they throw on Biblical History. Attention will be given to the Art and Civilization of the Peoples of the Old Testament, particularly of the Pre-exilic Period. *Five hours a week, fall quarter.* Professor Harland. (See Archaeology 85.)

86. JEWISH HISTORY (3).

A history of the Jews from the Exile to the Roman conquest with particular attention to the development of Rabbinic Judaism and the background of early Christianity. *Three hours a week, winter quarter.* Professor Caldwell.

87. LITERARY ASPECTS OF THE BIBLE (3).

A study of the literary aspects of the Bible in English translations, with discussion of types and forms of literature, historical development of the Bible, the principal translations, and the influence of the Bible on English literature and on the language. *Three hours a week, spring quarter.* Professor Howell. (See English 87.)

Course for Graduates and Advanced Undergraduates

158. THE GREEK NEW TESTAMENT (5). Prerequisite, Greek 58.

The Acts of the Apostles: study of grammar and diction and comparison with English versions; the Gospels, with selections from the Epistles; the principles of textual criticism, sources and history of the Greek text and the versions. *Five hours a week, one quarter, on application.* Professor Bernard. (See Greek 158.)

*DEPARTMENT OF BOTANY

Professors: W. C. COKER, H. R. TOTTEN, J. N. COUCH.
Assistant Professor: J. E. ADAMS.
Teaching Fellow: LELAND SHANOR.
Assistants: ALMA HOLLAND, W. L. BARKSDALE, J. A. DOUBLES, G. A. CHRISTENBERRY, FRANCIS FOUST, JEAN LEITNER, LAURIE STEWART, DONALD RITCHIE, ALMA WHIFFEN, HIDEN COX.

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* For the A.B. with major in Botany, six courses of the level of 41 or higher are required, but, with the consent of the Department, this number may be reduced by certain courses in Botany taken in the General College; 1 course in Bacteriology and 1 in Zoölogy may, with consent of the Department be considered as part of the major. There are also required 6 courses in allied sciences,, which shall include two 5- or 6-hour quarter courses in each of the following sciences, unless the equivalent has been taken in the General College (it is assumed that at least two such courses would have been taken): Zoölogy, Chemistry, Physics, Geology. Six courses in Departments outside the Division of the Natural Sciences are required.

Those students who plan to teach in public high schools should read the footnote at the bottom of page 152.

Courses for Undergraduates

1. (NATURAL SCIENCE 1). ELEMENTS OF PLANT BIOLOGY (4). Freshman elective; required for the School of Commerce.

An introduction to the structure and activities of the green plant, with some consideration of the plant's relation to its environment, both inorganic and organic, and a survey of types of plants. *Three lecture and two laboratory hours a week, fall, winter, or spring quarter. Laboratory fee, $2.00.* Professors Couch, Adams; Assistants.

2. (NATURAL SCIENCE 2). ELEMENTS OF ANIMAL BIOLOGY (4). Freshman elective; required for the School of Commerce. See Department of Zoölogy.

3. (NATURAL SCIENCE 3). ELEMENTS OF GEOLOGY (4). Freshman elective. See Department of Geology.

3c. (NATURAL SCIENCE 3c). GEOGRAPHY (4). Freshman requirement for the School of Commerce. See Department of Geology.

41. GENERAL BOTANY (6).

An introduction to the structure and classification of plants. Lectures with laboratory and field work. *Four lecture and four laboratory or field trip hours a week, fall or spring quarter. Laboratory fee, $4.00.* Professors Coker, Totten, Couch, Adams; Assistants.

(This course is given in the first term of the Summer Session as Botany s41.)

42. PHARMACEUTICAL BOTANY AND PHARMACOGNOSY (6). Prerequisite, General Botany. Sophomore requirement in the School of Pharmacy; elective for candidates for Bachelor of Science; in case of candidates for Bachelor of Arts credit is restricted to students preparing to study medicine and those whose major is to be botany.

A study of drug plants; the structure of their parts and contents; the localization and identification of crystals, starches, mucilages, gums, oils, resins, glucosides, alkaloids, etc.; macroscopical and microscopical study and identification of crude drugs and their adulterants and some study and identification of their powders. *Three lecture and six laboratory hours a week, winter quarter. Laboratory fee, $4.00.* Professor Totten; Assistants.

(This course will not be offered in 1939, but will be replaced by a three hour course in microscopic pharmacognosy.)

43. SEED PLANTS (6). Prerequisite, General Botany.

A continuation of general botany, with more advanced work in the structure and classification of seed plants. Special attention is given to the study of the local flora, and of the introduced ornamental plants found in the Arboretum, with some work in the propagation of cultivated plants. *Three lecture and six laboratory or field trip hours a week, spring quarter. Laboratory fee, $4.00.* Professor Totten; Assistant.

(This course is given in the second term of the Summer Session as Botany s43.)

Courses for Graduates and Advanced Undergraduates

103. ALGAE (5 or 2½). Prerequisite, General Botany.

A study of the morphology and classification of the algae. Lectures, reports, laboratory and field work. The subject may be continued under the same number for more than one quarter as the subject advances, credit being given for each repetition. *Two Lecture or report and six laboratory or field work hours a week, spring quarter and the first term of the Summer Session. Laboratory fee, $4.00.* Professor Couch.

111, 112, 113. FUNGI (5 each quarter). Prerequisite, General Botany.

Studies in the taxonomy, morphology, and physiology of the fungi. Special attention is given to the methods of growing fungi in pure culture. The Phycomycetes

(111), Ascomycetes (112) and Basidiomycetes (113) will be offered in successive quarters. In the Summer Session the three groups will be offered in successive summers. The Basidiomycetes (113) will be offered in the summer of 1938. Lectures, reports, laboratory and field work. *Two lecture or report and six laboratory or field trip hours a week, fall, winter, and spring quarters, and equivalent hours in the first term of the Summer Session. Laboratory fee, $4.00 a quarter.* Professor Couch.

121. LIVERWORTS (5). Prerequisite, General Botany.

A study of the structure, growth, and classification of the liverworts. *Two lecture or report and six laboratory or field work hours a week, winter quarter, and equivalent hours in the Summer Session. Laboratory fee, $4.00.* Professor Couch.

Not offered in the Summer Session of 1938.

133. MOSSES (5). Prerequisite, General Botany.

A study of the structure, growth, and classification of the mosses. *Two lecture or report and six laboratory or field work hours a week, spring quarter. Laboratory fee, $4.00.* Professor Couch.

141. FERNS (5). Prerequisite, General Botany.

A study of the structure, growth, and classification of the ferns. *Two lecture or report and six laboratory or field work hours a week, fall quarter. Laboratory fee, $4.00* Professor Coker; Miss Holland.

142. ADVANCED PHARMACOGNOSY (3). Prerequisite, General Botany and Botany 42. Credit in the college is restricted in the same manner as credit for Botany 42.

Advanced study of vegetable drugs; general methods in microanalysis of powdered drugs; preparations of materials for study; microanalysis of typical drugs and their adulterants and mixtures. *One lecture and four laboratory hours a week, winter quarter. Laboratory fee, $4.00.* Professor Adams.

(This course will be offered in 1939 as a five hour course.)

151, 153, s154. ADVANCED WORK IN THE STRUCTURE AND CLASSIFICATION OF SEED PLANTS (5 each quarter). Prerequisite, General Botany and Botany 43 or the equivalent.

For each of these courses the student is required to collect, prepare herbarium specimens, and classify two plants each from twenty families of seed plants, with notes on the families and sketches to show the principal characteristics of one plant in each of these families. *Three conferences a week with the instructor, fall and spring quarters, and equivalent hours in the second term of the Summer Session. Laboratory fee, $4.00.* Professor Totten.

Not offered in the Summer Session of 1938.

157. PLANT ANATOMY (5). Prerequisite, General Botany and Botany 43 or the equivalent.

Introduction to the developmental anatomy of vascular plants; with some consideration of the phylogenetic aspects of the subject; consideration of and practice in methods of anatomical and cytological microtechnique. *Two lecture or report and six laboratory hours a week, spring quarter and equivalent hours in the first term of the Summer Session. Laboratory fee, $4.00.* Professor Adams.

162. STUDIES IN THE HISTORY OF BOTANY (3). Prerequisite, two courses in botany.

Readings and reports. This course may continue for more than one year as the subject advances, credit being given for each repetition. *Three hours a week, winter quarter.* Professor Coker; Miss Holland.

Courses for Graduates

211, 212, 213, s214. ADVANCED WORK IN THE HISTOLOGY, MORPHOLOGY, AND PHYSIOLOGY OF THE FUNGI (5 each quarter).

The student is required to collect and prepare material for the microscopic study of special problems. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Fall, winter, and spring quarters, and the first term of the Summer Session. Laboratory fee, $4.00 a quarter.* Professors Coker, Couch.

251, 252, 253, s254. MORPHOLOGY OF SEED PLANTS (5 or 2½ each quarter). Prerequisite, Plant anatomy.

Advanced work in the embryology and anatomy of seed plants. The student is required to collect and prepare material for the microscopic study of special problems. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Fall, winter, and spring quarters, and the second term of the Summer Session. Laboratory ee, $4.00 a quarter.* Professors Coker, Totten.

301, 302, 303. GRADUATE RESEARCH (5 or 2½ each quarter).

Original work with thesis under the guidance of the instructor. These courses may cover most of the work of the student for several years, credit being given each quarter in accordance with the work done. *Laboratory fee, $4.00 a quarter.* Professors Coker, Totten, Couch.

*DEPARTMENT OF CHEMISTRY

Professors: EDWARD MACK, JR., **A. S. WHEELER, F. K. CAMERON, J. T. DOBBINS, R. W. BOST.

Associate Professors: F. H. EDMISTER, H. D. CROCKFORD, O. K. RICE, E. C. MARKHAM, ALFRED RUSSELL, (Coöperative Fellow Rockefeller Foundation).

Assistant Professors: S. E. SMITH, J. E. MAGOFFIN (Industrial Research).

Teaching Fellows: L. GALLOWAY, S. B. KNIGHT, P. H. LATIMER.

Assistants: E. R. ANDREWS, W. F. BARTZ, H. A. BERNHARDT, C. V. CANNON, S. F. CLARK, H. C. GULLEDGE, W. L. HADEN, R. C. HARRIS, J. H. LANGSTON, E. P. H. MEIBOHM, P. M. NICHOLES, W. G. SINK, J. A. SOUTHERN, BAILEY WEBB, H. E. WRIGHT.

Courses for Undergraduates

1-2-3. GENERAL DESCRIPTIVE CHEMISTRY (12).

An introduction to the study of the principal non-metallic and metallic elements and their compounds. Lectures with laboratory work. *Three lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 a quarter.* Professors Markham, Smith; Assistants.

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* For the A.B. with major in Chemistry (primarily for students preparing for medicine) these are required: Chemistry 31, 41, 42, 61, 62, 63. Six courses in other natural sciences and six courses in departments outside the Division of the Natural Sciences are required also.

For the S.B. in Chemistry see page 107.

Those students who plan to teach in public high schools should read the footnote at the bottom of page 152.

** Kenan Professor *emeritus*.

4-5. GENERAL DESCRIPTIVE CHEMISTRY (12).

An introduction to the study of the principal non-metallic and metallic elements and their compounds. This course is equivalent to Chemistry 1-2-3. *Five lecture and three laboratory hours a week, winter and spring quarters. Laboratory fee, $4.50 a quarter.* Professors Markham, Smith; Assistants.

31. QUALITATIVE ANALYSIS (6). Prerequisite, Chemistry 1-2-3 or equivalent.

Laboratory work and lectures. *Three lecture and six laboratory hours a week, fall or spring quarter. Laboratory fee, $10.00.* Professors Dobbins, Markham; Assistants.

41. ELEMENTARY QUANTITATIVE ANALYSIS (6). Prerequisite, Chemistry 31.

Gravimetric Analysis. Laboratory work, lectures, and stoichiometric exercises. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $10.00.* Professors Dobbins, Markham; Assistants.

42. ELEMENTARY QUANTITATIVE ANALYSIS (6). Prerequisite, Chemistry 31.

Volumetric Analysis. Laboratory work, lectures, and stoichiometric exercises. *Three lecture and six laboratory hours a week, winter or spring quarter. Laboratory fee, $10.00.* Professors Dobbins, Markham; Assistants.

61, 62 (162), 63 (163). ORGANIC CHEMISTRY (18). Prerequisite, Chemistry 31.

Aliphatic, aromatic, and certain heterocyclic compounds. *Three lecture and six laboratory hours a week. Chemistry 61 is offered in the fall, Chemistry 62 in the winter, and Chemistry 63 in the spring. Laboratory fee, $10.00 a quarter.* Professors Bost and Russell.

83. PHYSICAL CHEMISTRY FOR STUDENTS OF BIOLOGY (5). Prerequisite, Chemistry 31, 42, and Math. 1, 2, 3. Does not carry credit toward S.B. in Chemistry.

Designed for A.B. students or students taking pre-medical, pharmaceutical, or biological work. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $3.00.* Professors Crockford, Cameron, Mack.

Courses for Graduates and Advanced Undergraduates

101. SPECIAL PROBLEMS IN CHEMISTRY (1 to 3). Prerequisite, to be determined by consultation.

Special assignments in library work, laboratory, or minor research. *Equivalent of one to three hours a week, every quarter. Laboratory fee, to be determined by consultation.* Any member of the departmental staff.

143. THEORETICAL ANALYTICAL CHEMISTRY (6). Prerequisite, Chemistry 31, 41, 42.

A detailed study of the reactions of all the common metallic and acidic ions from the standpoint of mass action, solubility product, and oxidation and reduction. This course is designed to give a comprehensive review of inorganic and analytical chemistry. *Six hours a week, spring quarter.* Professor Dobbins.

145. TECHNICAL ANALYSIS (3). Prerequisite, Chemistry 41, 42.

Quantitative analysis of industrial products, such as fuels and lubricating oils. *One lecture and four laboratory hours a week, fall quarter. Laboratory fee, $7.00.* Professor Markham.

146. INSTRUMENTAL ANALYSIS (3). Prerequisite, Chemistry 41, 42.

The application of such methods as colorimetry, nephelometry, and electrometric titrations. *One lecture and four laboratory hours a week, winter quarter. Laboratory fee, $7.00.* Professor Markham.

147. MICROSCOPIC AND SPECTROSCOPIC ANALYSIS (3). Prerequisite, Chemistry 41, 42.

One lecture and four laboratory hours a week, spring quarter. Laboratory fee, $7.00. Professor Markham.

151, 152, 153. ADVANCED INORGANIC CHEMISTRY (9). Prerequisite, Chemistry 181. *Three hours a week, fall, winter, and spring quarters.* Professor Edmister.

163 (166). QUALITATIVE ORGANIC ANALYSIS (6). Prerequisite, Chemistry 61, 62, 63.

A study of the theory of solubility, homology, class reactions, and the functional groups in organic compounds. Individual substances and complex mixtures are studied. *Three lecture and six laboratory hours a week, fall quarter. Laboratory fee, $10.00.* Professors Bost, Russell.

164. QUANTITATIVE ANALYSIS OF FUNCTIONAL GROUPS (3). Prerequisite, Chemistry 163.

The quantitative determination of the common functional groups such as hydroxyl, carboxyl, amino, methoxy, nitro, ester, and similar groups. *Six laboratory hours a week, winter quarter. Laboratory fee, $7.00.* Professors Bost, Russell.

165. ORGANIC COMBUSTIONS (3). Prerequisite, Chemistry 163.

The ultimate analysis of carbon, hydrogen, nitrogen, sulfur, halogens, and certain other elements by well established methods. *Six laboratory hours a week, spring quarter. Laboratory fee, $7.00.* Professors Bost, Russell.

166-a, 167-a, 168-a. ADVANCED ORGANIC CHEMISTRY (3 each). Prerequisite or co-requisite, Chemistry 163.

A topical course dealing with such subjects as stereoisomerism, carbohydrates, alkaloids, proteins, dyes, drugs, heterocyclics, terpenes, polynuclear compounds, theories of organic chemistry. *Three hours a week, fall, winter, and spring quarters.* Professors Bost, Russell.

166-b, 167-b, 168-b. ADVANCED ORGANIC PREPARATIONS (3 each). Prerequisite or co-requisite, Chemistry 163.

Syntheses, identification, and studies in orientation. *Six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00.* Professors Bost, Russell.

181, 182, 183. PHYSICAL CHEMISTRY (18). Prerequisite, Chemistry 31, 41, 42, 61, 62, 63, and satisfactory courses in physics and calculus.

An introductory study of the properties and behavior of gases, liquids, and crystals; elementary thermodynamics; homogeneous and heterogeneous equilibrium; solution theory; chemical kinetics; elementary principles of electrical conduction, galvanic cells, etc.; photochemistry and atomic structure. *Four lecture and four laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $7.50 a quarter.* Professors Crockford, Rice.

184, 185, 186. CHEMICAL THERMODYNAMICS (9). Prerequisite, Chemistry 181, 182, 183.

A study of chemical thermodynamics and electrochemistry with special emphasis on recent developments in these fields. (1938-1939 and alternate years). *Three hours a week, fall, winter, and spring quarters.* Professor Crockford.

191, 192, 193. INDUSTRIAL CHEMISTRY (9). Prerequisite, Chemistry 61, 62, 63.

The methods and economics of the chemical industries. *Three hours a week, fall, winter, and spring quarters.* Professor Cameron.

Courses for Graduates

231. DETECTION OF POISONS (6). Prerequisite, Chemistry 31, 42, 61, 62, 63.

The isolation from extraneous material, identification, and quantitative estimation of small quantities of the common industrial and medicinal poisons. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $10.00.* Professor Dobbins.

241, 242, 243. ANALYTICAL CHEMISTRY (9). Prerequisite or co-requisite, Chemistry 143.

(1938-1939 and alternate years.) *Three hours a week, fall, winter, and spring quarters.* Professor Dobbins.

244, 245, 246. SPECIAL TOPICS IN ANALYTICAL CHEMISTRY (9). Prerequisite, Chemistry 143, 183.

The study of such topics as colloids, adsorption, and inorganic complexes, and their importance in analytical chemistry. (1939-1940 and alternate years). *Three hours a week, fall, winter, and spring quarters.* Professor Markham.

251. SEMINAR IN INORGANIC CHEMISTRY (3). Prerequisite, Chemistry 151, 152, 153.

Three hours a week, fall quarter. Professors Cameron, Edmister.

252, 253. HISTORY OF CHEMISTRY (3 each). Prerequisite, Chemistry 31, 61, 62, 63.

Historical background of chemistry. Biographical sketches of eminent scientists. Development of chemical laws and theories. *Three hours a week, winter and spring quarters.* Professor Edmister.

261, 262, 263. STUDIES IN THE CHEMISTRY OF PETROLEUM AND ORGANIC SULFUR COMPOUNDS (9). Prerequisite, Chemistry 166-a,b, 167-a, 168-a.

(1938-1939 and alternate years). *Three hours, or equivalent, a week, fall, winter, and spring quarters.* Professors Bost, Mack.

264, 265, 266. NATURAL PLANT PRODUCTS (9). Prerequisite, Chemistry 166-a,b, 167-a, 168-a.

(1939-1940 and alternate years). *Three hours, or equivalent, a week, fall, winter, and spring quarters.* Professors Russell, Mack.

267. ORGANIC CHEMISTRY (3 to 6). Prerequisite, to be determined by consultation with professor in charge.

A survey course. Special problems in organic chemistry. *Three to six hours a week, every quarter. Laboratory fee, to be determined by consultation with professor in charge.* Professors Bost, Russell.

281, 282, 283. ADVANCED TOPICS IN PHYSICAL CHEMISTRY (9). Prerequisite, Chemistry 181, 182, 183.

(1938-1939 and alternate years). *Three hours a week, fall, winter, and spring quarters.* Professors Mack, Cameron, Crockford, Rice.

284, 285, 286. ADVANCED TOPICS IN PHYSICAL CHEMISTRY (9). Prerequisite, Chemistry 181, 182, 183.

A statistical approach to the problems of chemistry, including a discussion of modern theory of chemical kinetics, photochemistry, and quantum chemistry. (1939-1940 and alternate years). *Three hours a week, fall, winter, and spring quarters.* Professor Rice.

287, 288, 289. HETEROGENEOUS EQUILIBRIA, PHASE RULE, FILM AND COLLOIDAL PHENOMENA (9).

Fall, winter, and spring quarters. Professor Cameron.

RESEARCH COURSES.

These courses are intended for applicants for advanced degrees. Laboratory work with frequent conferences with the professor and reference to the literature relating to the subject of research. The subject of research must be assigned or approved by the professor. A student may spend part or all of his time in research. *Laboratory fee, $10.00 a course.*

341. ANALYTICAL CHEMISTRY (5 or more).
Professors Dobbins, Markham.

351. INORGANIC CHEMISTRY (5 or more).
Professor Edmister.

361. ORGANIC CHEMISTRY (5 or more).
Professors Bost, Russell, Mack.

381. PHYSICAL CHEMISTRY (5 or more).
Professors Mack, Cameron, Crockford, Rice.

391. INDUSTRIAL CHEMISTRY (5 or more).
Professor Cameron.

*DEPARTMENTS OF CLASSICAL LANGUAGES AND LITERATURES

Professors: W. S. BERNARD (Greek), G. A. HARRER (Latin), J. P. HARLAND.
Associate Professors: S. G. SANDERS, R. P. JOHNSON.
Instructor: A. I. SUSKIN.
Teaching Fellow: B. W. DAVIS.

*GREEK

Courses for Undergraduates

**1-2-3. ELEMENTARY AND INTERMEDIATE GREEK (9).

A course running through three quarters, designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate Greek (11-12-13). The completion of Greek 1-2-3 gives credit for Greek 11-12-13. *Six hours a week, through the year.* Professor Bernard.

NOTE: Attention is called to Greek 14-15-16, designed for upperclassmen who have fulfilled the requirement in another foreign language.

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* Students interested in having their major in Greek or in Latin should consult the Department in the last quarter of their sophomore year.

Those students who plan to teach Greek or Latin in public high schools should read the footnote at the bottom of page 152.

** Greek or Latin 1-2-3 or 11-12-13 or Mathematics 1-2-3 or the equivalent must be taken by each candidate for A.B.

**11-12-13. INTERMEDIATE GREEK (9).

A course running through three quarters, designed for those who show evidence of adequate preparation. Freshman and sophomore elective. *Three hours a week, through the year.* Professor Bernard.

14-15-16. SPECIAL COURSE FOR ADVANCED STUDENTS (9).

A course for beginners open only to those who desire an introduction to a second foreign language and who give evidence of being especially well qualified for such study. Sophomore elective. *Three hours a week, through the year.* Professor Sanders.

21-22-23. ADVANCED GREEK (9). Prerequisite; Greek 1-2-3 or 11-12-13 or the equivalent.

Survey of Greek Literature with selected readings from representative authors. Sophomore elective. *Three hours a week, through the year.* Professor Bernard.

53. INTRODUCTION TO GREEK DRAMA (5). Prerequisite, Greek 21-22-23.

One tragedy and one comedy will be studied. *Five hours a week, one quarter, on application.* Professor Bernard or Professor Sanders.

58. THE GREEK NEW TESTAMENT (5). Prerequisite, Greek 11-12-13.

St. Mark's gospel, with selections from other parts of the New Testament. This course is designed for students who wish a more intimate knowledge of the New Testament in its original language and especially for divinity and Y. M. C. A. students. *Five hours a week, one quarter, on application.* Professor Bernard.

71. GREEK HISTORY (5). Prerequisite, Greek 21-22-23 or equivalent.

Selections from the Greek Historians, chiefly Herodotus, will be read and reports will be made on related topics in Greek History. *Five hours a week, one quarter, on application.* Professor Harland.

81. THE GREEK ORATORS (5).

Select orations from Lysias and Demosthenes. (1937-1938 and alternate years.) *Five hours a week, one quarter.* Professor Harland.

Courses for Graduates and Advanced Undergraduates

112. HOMER: ADVANCED COURSE (5). Prerequisite, Greek 11-12-13.

Rapid reading of the Odyssey with Homeric Study. *Five hours a week, one quarter, on application.* Professor Harland or Professor Bernard.

153-154. GREEK DRAMA: ADVANCED COURSE (10). Prerequisite, Greek 53.

An extended reading and study of the Greek drama, with lectures on the origin, history, and structure of the drama. *Five hours a week, two quarters, on application.* Professor Bernard or Professor Sanders.

158. THE GREEK NEW TESTAMENT (5). Prerequisite, Greek 58.

The Acts of the Apostles: study of grammar and diction and comparison with English versions; the Gospels, with selections from the Epistles; the principles of textual criticism, sources and history of the Greek text and the versions. *Five hours a week, one quarter, on application.* Professor Bernard.

171. GREEK HISTORY (5). Prerequisite, Greek 71.

Selections from Thucydides will be read and the history of Athens and Sparta will be reviewed with a view to explaining the underlying causes of the Peloponnesian War. *Five hours a week, one quarter, on application.* Professor Harland.

** Greek or Latin 1-2-3 or 11-12-13 or Mathematics 1-2-3 or the equivalent must be taken by each candidate for A.B.

Courses for Graduates

201-202-203. SYNTAX OF THE GREEK LANGUAGE FROM HOMER TO THE NEW TESTAMENT (15).

Facility in reading the literature in the Greek dialects, Ionic, Attic, and Alexandrian, and in reading German is requisite. *Five hours a week, three quarters, on application.* Professor Bernard.

213. HELLENIC LITERATURE AND ITS HISTORICAL SETTING (5).

In a survey of the history of Hellenic Literature, selections from representative authors of each period will be read in the original. This reading will be supplemented by reports on important writers and works of each period. *Five hours a week, one quarter, on application.* Professor Harland.

301-302-303. GREEK SEMINAR (15).

This course is devoted to the study in detail of particular authors or periods in Greek literature, the subject matter varying from year to year. It calls for wide reading in the Greek authors selected and in the critical literature concerning them, with oral and written reports. Lectures and conferences. Professors Bernard, Harland, Sanders.

(For additional courses see below under Courses Requiring no Knowledge of the Greek or Latin Languages, and under General and Comparative Literature.)

*LATIN

Courses for Undergraduates

**1-2-3. ELEMENTARY AND INTERMEDIATE LATIN (9).

The course is designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate Latin (11-12-13). The completion of Latin 1-2-3 gives credit for Latin 11-12-13. *Six hours a week, through the year.* Mr. Davis.

NOTE: Attention is called to Latin 14-15-16, designed for upperclassmen who have fulfilled the requirements in another foreign language.

**11-12-13. INTERMEDIATE LATIN (9).

The course is designed for those who show evidence of adequate preparation. Students entering with two units of Latin may be admitted. Readings in classical authors, including Cicero and Vergil. Freshman and sophomore elective. *Three hours a week, through the year.* Mr. Davis.

14-15-16. SPECIAL COURSE FOR ADVANCED STUDENTS (9).

The course is designed for beginners, open only to those who desire an introduction to a second foreign language, and who give evidence of being especially well qualified for such study. *Three hours a week, through the year.* Mr. Suskin.

21-22-23. ADVANCED LATIN (9). Prerequisite, four units of High School Latin, or Latin 1-2-3 or 11-12-13.

The course will present a survey of Latin Literature, with selected readings from representative writers of prose and poetry. Freshman and sophomore elective. *Three hours a week, through the year.* Professor Sanders.

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* See notes on the major and teacher-training under Greek.

** Latin or Greek 1-2-3 or 11-12-13 or Mathematics 1-2-3 or the equivalent must be taken by each candidate for A.B.

24-25. ROMAN LAW (6). Prerequisite, Latin 21.

The course is a sophomore option of A.B.-LL.B. students, and is open to other students who have completed the prerequisite work.

The course deals with the general principles and the historical development of Roman law. The work consists of the translation of selected passages in the legal literature, readings, and lectures. *Three hours a week, winter and spring quarters.* Professor Harrer.

51. ROMAN SATIRE (5). Prerequisite, Latin 21-22-23.

Readings from Horace, Petronius, Persius, Juvenal; occasional lectures. This course alternates with course 52. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Sanders.

52. CICERO'S LETTERS (5). Prerequisite, Latin 21-22-23.

The reading of selected letters and discussions of the history and politics of the time. This course alternates with course 51. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Sanders.

53. LATIN LYRIC POETRY (5). Prerequisite, Latin 21-22-23.

Readings in the lyric verse of Catullus and Horace. The origin and development of the Latin Lyric and its influence upon later literature. *Five hours a week, spring quarter.* Professor Johnson.

71. COURSE FOR TEACHERS (5). Latin 21-22-23.

The course is concerned with pronunciation, forms, syntax, prosody, the art of translating, methods of instruction. *Five hours a week, fall quarter.* Professor Johnson.

Courses for Graduates and Advanced Undergraduates

101. ROMAN HISTORICAL LITERATURE (5). Prerequisite, Latin 21-22-23.

A study of the structure, purposes, and methods of the most significant works. Translation and reading in English from the literature, reports, lectures. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Harrer.

102. ROMAN DRAMATIC LITERATURE (5). Prerequisite, Latin 21-22-23.

A study of the development of Latin comedy and tragedy. Reading of selected plays. The course alternates with course 101. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Harrer.

103. PROSE WRITINGS OF THE REPUBLIC (5). Prerequisite, Latin 21-22-23.

An account of the development of prose literature from Cato to Cicero, with special studies of certain types of readings from the chief works. *Five hours a week, winter quarter.* Professor Sanders.

104. CICERO: POLITICAL CAREER AND WORKS (5). Prerequisite, Latin 21-22-23.

A study of Cicero, as statesman and advocate. Selected letters, as well as a number of orations, will be read. *Five hours a week, spring quarter.* Professor Harrer.

105. THE SATIRES OF JUVENAL (5). Prerequisite, Latin 21-22-23.

Translations and interpretation, with a survey of the history of the period. *Five hours a week, fall quarter.* Professor Sanders.

110. MEDIAEVAL LATIN (5). Prerequisite, Latin 21-22-23 or the equivalent, as a minimum.

An introduction to Mediaeval Latin as a language and literature, with special attention to its relationship with Classical Latin. Assigned readings, papers, lectures on significant authors. *Five hours a week, winter quarter, on application.* Professor Johnson.

Courses for Graduates

202. LATIN EPIGRAPHY (5).

The aim of the course is to acquire facility in the deciphering and translating of inscriptions, and to study in detail a selection of significant inscriptions and their values in the field of Roman studies. *Five hours a week, fall quarter.* Professor Harrer.

203. LATIN PALEOGRAPHY (5).

The aim of the course is a study of the more important scripts, practice in decipherment, and the methods of textual criticism. *Five hours a week, one quarter, on application.* Professor Harrer.

301, 302, 303. LATIN SEMINAR (5 each).

The course in each quarter is devoted to the study in detail of a particular author or period in Roman literature, the choice of subject being determined, as far as possible, by the needs of the group. Typical subjects of recent years have been: Catullus, Cicero, Vergil, Horace, The Elegists, The Augustan Age, Suetonius, Tacitus, Post-Augustan Prose, Post-Augustan Poetry, etc. *Five hours a week, fall, winter, and spring quarters.* Professors Harrer, Johnson, Sanders.

310. THESIS COURSE (5).

This course is conducted by conferences as arranged with individual students. *Every quarter.* Professor Harrer.

(For additional courses see below under Courses Requiring no Knowledge of the Greek or the Latin Language and Courses in General and Comparative Literature.)

Courses Requiring no Knowledge of the Greek or Latin Language

The following courses in classical literature and civilization are especially designed to supply the necessary foundation for those who, without a reading knowledge of the ancient languages, wish a broader culture, or plan to specialize in modern literature, history, art, etc. When properly approved, they will be allowed to count as part of the major requirement in other departments. They may be taken also to satisfy the requirement of a minor in literature. See also under General and Comparative Literature.

Courses for Undergraduates

50. GREEK AND ROMAN LITERATURE (5).

A course on the great authors of Greece and Rome. Emphasis is on understanding the classics as literature and as a reflection of the civilization, culture, and viewpoints of antiquity. *Five hours a week, winter quarter.* Professors Bernard, Harrer.

61. GREEK LITERATURE (5).

A study of the masterpieces of Greek literature in English translation, with special reference to the contribution of Greece to modern thought. *Five hours a week, fall quarter.* Professor Bernard.

62. LATIN LITERATURE (5).

A study of the masterpieces of Latin literature in English translation, with special reference to the contribution of Roman civilization to modern thought. *Five hours a week, winter quarter.* Professor Sanders.

75. GREEK CIVILIZATION (5).

The achievements of the ancient Greeks and their contributions to the modern world in art, architecture, medicine, science, politics, and other fields will be studied. For a background, their house, dress, education, games, theatre, religion, etc. will be considered. Illustrated lectures and discussions. *Five hours a week, winter or spring quarter.* Professor Harland.

76. ROMAN CIVILIZATION (5).

The course deals with the public institutions, the political and social conditions, and the private life of the Romans, their buildings, living conditions, amusements, manners and customs, and religion. *Five hours a week, spring quarter.* Professor Johnson.

85. ARCHAEOLOGY AND THE BIBLE (5).

The results of the explorations and excavations in Palestine will be studied for the light they throw on Biblical History. Attention will be given to the Art and Civilization of the Peoples of the Old Testament, particularly of the Pre-exilic Period. *Five hours a week, fall quarter.* Professor Harland.

91. ARCHAEOLOGY OF THE NEAR EAST (5).

An introductory course in which the art and architecture of Egypt, Mesopotamia, the Hittites, and the Aegean ("Prehistoric Greek") World will be studied. Illustrated lectures on the monuments will be supplemented by lectures on the branches and methods of archaeology and on the civilization of the various peoples. *Five hours a week, fall quarter.* Professor Harland.

92. GREEK ARCHAEOLOGY (5).

The historical development of the art of Greece will be studied from the Bronze Age through the historical period. The course will deal mainly with Greek architecture but painting and the other arts will receive attention. Illustrated lectures and required reading. *Five hours a week, winter quarter.* Professor Harland.

93. GREEK SCULPTURE (5).

The development of Greek sculpture will be studied and this art will be presented as one phase of the civilization of the ancient Hellenes. Illustrated lectures and required reading. *Five hours a week, spring quarter.* Professor Harland.

Courses for Graduates and Advanced Undergraduates

103. THE GREEK EPIC (5).

Epic as a literary form; Homer, the Iliad and Odyssey; origins, the Mycenaean civilization, literary characteristics, comparison of the chief English translations, comparison with Norse, Latin, Italian, and English epic. *Five hours a week, one quarter, on application.* Professor Bernard.

107. GREEK DRAMATIC LITERATURE (5).

A course designed to embrace the origin, development, technique, and content of Greek drama, with emphasis on tragedy. An interpretation of Greek life and thought as contributing to world progress. *Five hours a week, one quarter, on application.* Professor Bernard.

112. THE LATIN EPIC (5).

The history of the Latin Epic; detailed study of Vergil, the Aeneid. *Five hours a week, spring quarter.* Professor Harrer.

Courses for Graduates

211. ARCHAEOLOGY: TOPOGRAPHY OF ATHENS, OLYMPIA, AND DELPHI (5). Prerequisite, ability to read Greek desirable.

A study of the material and artistic remains at these sites and of their historical, literary, and mythological associations. *Five hours a week, one quarter, on application.* Professor Harland.

291. ARCHAEOLOGY OF THE ANCIENT NEAR EAST (5). Prerequisite, Archaeology 91 or courses in Ancient History of the Near East.

The architecture, sculpture, and other arts of Egypt, Babylonia, Assyria, Persia, and of the Hittites will be studied. Special attention will be given to the contributions made to the modern world by the Egyptians, Sumerians, and other peoples of the Ancient Near East. *Five hours a week, one quarter, on application.* Professor Harland.

292. HELLENIC ARCHITECTURE (5). Prerequisite, Archaeology 91 or 92 or 93 or Ancient History.

The beginnings of architecture in Hellas and its development will be studied with special emphasis on the Periklean buildings at Athens. *Five hours a week, one quarter, on application.* Professor Harland.

293. HELLENIC SCULPTURE (5). Prerequisite, Archaeology 92 or 93 or 75 or Ancient History.

Sculpture will be studied as one phase of the civilization of the Hellenes and the interrelation of sculpture with the fields of architecture and painting in the Classical Period will receive special attention. *Five hours a week, one quarter, on application.* Professor Harland.

296. GREEK EPIGRAPHY (5). Prerequisite, a reading knowledge of Greek.

The origin of the alphabet and the development of the various epichoric alphabets of the Hellenes will be studied. Selected inscriptions will be read. *Five hours a week one quarter, on application.* Professor Harland.

*DEPARTMENT OF DRAMATIC ART

Professors: F. H. Koch, Paul Green, G. R. Coffman.
Associate Professors: Samuel Selden, R. B. Sharp.
Assistant Professor: H. E. Davis.
Instructor: H. W. Bailey.
In Extension, Instructor: J. W. Parker.

Admission to the Department of Dramatic Art presupposes the completion of the work of the General College in this institution or of equivalent work done elsewhere.

The courses in the Department of Dramatic Art are designed to give the student a comprehensive knowledge of the literature of the drama and intensive training in all phases of theatre work, from the writing of the play to the completed presentation before an audience.

Intensive study and research in all phases of dramatic art are made effective through introductory and advanced lecture courses, the seminar, and supervised practice work in theatre technique. The library resources of the student of dramatic literature and history of the theatre include a large and constantly increasing collection of critical and technical works, and plays of all periods.

Practical training for the student of playwriting, acting, directing, and technical work is provided by the production unit of the Department of Dramatic Art, The Carolina Playmakers. The Playmakers Theatre building and Scene Shop furnish ample opportunity for the student to test theory with practice, in both experimental and public performances.

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* Requirements for an Undergraduate with a Major in Dramatic Art.
A minimum of eighteen courses distributed as follows:

Three courses in playwriting: (155, 156, 157) and Theatre Arts: (61, 62, 63, 64, 65, 66, 67.)

Three courses in Dramatic Literature: Shakespeare (50), American Drama (149), History of the Theatre (160), Comparative Drama (161), Modern Drama (162).

One course in Fundamentals of Stage Speech (55.)

Four to seven courses in allied departments of the Division of the Humanities, to be taken after conference with the Head of the Department.

Four to seven courses from other divisions.

Courses for Undergraduates

50. SHAKESPEARE (5).

A study of Shakespeare's plays. About twenty representative comedies, tragedies, and histories will be studied. *Five hours a week, fall quarter.* Professor Koch.

55. FUNDAMENTALS OF SPEECH (5).

An intensive study of the technique of speech for actors, directors, teachers, and others interested in securing training in voice and diction. *Five hours a week, spring quarter.* Mr. Bailey.

61. ACTING (5).

Training in the techniques of acting. *Five hours class work a week, fall quarter. Fee for materials, $2.00.* Professor Selden; Mrs. Davis.

62. REHEARSAL AND PERFORMANCE (5).

The theory and practice of ensemble acting from the point of view of both the actor and the director. *Five hours class work a week, winter quarter. Fee for materials, $2.00.* Professors Selden, Davis.

Registration in Dramatic Art 63 is limited. Before registering for this course, students must secure the permission of Professor Selden.

63. PLAY DIRECTION (5). Prerequisite, Dramatic Art 61 or 62.

The theory and practice of play directing. *Two hours lecture and six hours practical work a week, spring quarter. Fee for materials, $2.00.* Professors Selden, Davis; Mr. Bailey.

64. SCENERY CONSTRUCTION AND PAINTING (5).

Elementary theory and practice in the construction and painting of scenery for the stage. *Two hours lecture and six hours laboratory a week, fall quarter. Fee for materials, $2.00.* Professor Davis.

65. STAGE LIGHTING (5).

Elementary theory and practice in stage lighting, including the choice of equipment and its control in the theatre. *Two hours lecture and six hours laboratory work a week, winter quarter. Fee for materials, $2.00.* Professor Davis.

66. STAGE DESIGN (5).

The history of, and elementary theory and practice in, the designing of scenery for the stage, through the preliminary sketch, the model, and the working drawings. A considerable amount of simple architectural drafting will be required. *Two hours lecture and six hours laboratory work a week, spring quarter. Fee for materials, $2.00.* Professors Selden, Davis, and Professor Smith (of the Department of Art).

67. COSTUMING (5).

The designing and making of stage costumes with some consideration of make-up. *Two hours lecture and six hours laboratory work a week, winter quarter. Fee for materials, $2.00.* Mrs. Davis.

Courses for Graduates and Advanced Undergraduates

149. AMERICAN DRAMA, 1890-1930 (5).

A brief survey of the nineteenth century English and American drama, and a study of the development of the American drama in the twentieth century through representative plays. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Koch.

The following three courses in playwriting (155, 156, 157) should be taken consecutively. If it is not practicable to do this, however, the student may, with the consent of the instructor, take any one of the three courses offered. Under exceptional circumstances a student may repeat one or more of the courses for credit. Special permission is necessary for this privilege.

155. PLAYWRITING (5).

A practical course in playwriting and experimental production. In all three of the playwriting courses emphasis is placed on the native tradition and present-day life of the region with which the student is most familiar. The student is expected to direct experimental productions of plays written in the course. The best of these are given public production by The Carolina Playmakers. *Four hours lecture and two hours practical work a week, fall quarter. Fee for experimental production, $2.00.* Professor Koch, assisted by Professor Selden; Professor Green, lecturer and consultant.

156. PLAYWRITING (5).

The principles of dramatic construction and practice in the writing and production of one-act plays. Experimental and public productions. *Four hours lecture and two hours practical work a week, winter quarter. Fee for experimental production, $2.00.* Professor Koch, assisted by Professor Selden; Professor Green, lecturer and consultant.

157. PLAYWRITING (5).

Practice in writing one-act and full-length plays with experimental and public productions by The Carolina Playmakers. *Four hours lecture and two hours practical work a week, spring quarter. Fee for experimental production, $2.00.* Professor Koch, assisted by Professor Selden; Professor Green, lecturer and consultant.

160. HISTORY OF THE THEATRE (5).

A course designed to give the student a view of the institution of the theatre in its beginnings and development. The emphasis is on those features of the theatre which are not dealt with in the more literary courses—the changing forms of the theatre building, scenery, lighting, the audience, the actor, the relation of the theatre to social conditions, and the place of the theatre in the history of civilization. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professors Koch, Selden, and others.

161. COMPARATIVE DRAMA (5).

A general survey of the drama and the theatre from Aeschylus to Ibsen. The development of dramatic literature is studied through representative plays (in translation) of the leading European dramatists. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Koch.

162. MODERN DRAMA (5).

A study of representative plays of the modern period, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Koch.

Courses for Graduates

201. PLAY DIRECTING, ADVANCED (5). Prerequisite, Dramatic Art 61 or 62, and 63, or equivalent training in acting and directing.

Theory and practice in the training of actors and the preparation of plays for experimental and public performance. *Five hours a week, spring quarter. Fee for materials, $2.00.* Professor Selden.

202. STAGING METHODS (5). Prerequisite, Dramatic Art 64, 65, 66 and a course in freehand drawing and painting, or equivalent training in designing and technical practice.

Individual instruction in the designing and planning of stage scenery and lighting, and in theatre engineering. *Five hours a week, winter quarter. Fee for materials, $2.00.* Professor Selden.

203. TECHNICAL PROBLEMS IN PLAYWRITING (5). Prerequisite, Dramatic Art 155 or 156 or 157.

An advanced course in the principles of writing the full-length play. A study of the organization of materials, the development of the scenario, and the preparation of the completed script. *Five hours a week, winter quarter.* Professor Koch, assisted by Professor Selden; Professor Green, lecturer and consultant.

325. SEMINAR IN DRAMATIC ART (5).

Bibliography, methodology, and research in dramatic literature, theatrical history, and staging methods. Required of all candidates for the A. M. degree with a major in Dramatic Art. *Five hours a week, fall quarter.* Professors Koch, Coffman, Selden, Sharp.

*DEPARTMENT OF ECONOMICS AND COMMERCE

Professors: D. D. Carroll, E. E. Peacock, E. W. Zimmermann, R. J. M. Hobbs, J. B. Woosley, C. P. Spruill, G. T. Schwenning, Clarence Heer, H. D. Wolf, D. H. Buchanan, E. M. Bernstein.

Visiting Professor: H. von Beckerath.

Associate Professors: M. D. Taylor, J. M. Lear, **M. S. Heath, J. G. Evans, R. H. Sherrill, D. J. Cowden.

Assistant Professor: R. S. Winslow.

Instructors: E. H. Anderson, C. P. Anson, F. H. Bunting, C. H. Donovan, C. E. Kuhlman, D. F. Martin.

Teaching Fellows: J. C. D. Blaine, †Fred Weaver, ††J. W. Kendrick.

Assistants: Stuart Blow, Brant Bonner, R. W. Crutchfield, †Elizabeth W. Donovan, J. B. Hackett, J. E. Hicks, P. H. Livingston, ††Bertie M. McGee, O. T. Mouzon.

*ECONOMICS

Courses for Undergraduates

11. RESOURCES AND INDUSTRIES (5).

This course occupies a middle ground between geography and economics. Important data of human economic geography are appraised as to their meaning to the economist. The emphasis in resource analysis, therefore, is on the supply and demand conditions which have a measurable effect on price behavior. The close relationship between geographical facts and institutional developments is taken into consideration. The approach is functional rather than descriptive. Attention is focused on wide vistas and deep perspectives rather than on details of technology. In general, an effort is made to place the discussion on a broad basis of human values and world relationships. *Five hours a week, every quarter. Fee for materials, $1.00.* Professor Zimmermann; Mr. Mouzon.

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* For an A.B. degree with a major in economics, a student must complete Economics 21-22-23 or its equivalent in the General College and six courses, including the following: Economics 81-82, 131, and either Economics 191 or 195. The other two courses may be selected from any offerings of the department other than Economics 35 or 137. If a student has not had Economics 21-22-23 or its equivalent before entering the College of Arts and Sciences he may satisfy this requirement by taking Economics 61-62 in his junior year. The student will also be required to select five to seven courses from related departments in the Division of the Social Sciences and five to seven courses from the Divisions of the Natural Sciences and the Humanities.

** Absent on leave on the Kenan Foundation, fall quarter, 1937.

† Fall quarter only.

†† Winter and spring quarters.

21-22-23. GENERAL ECONOMICS (9). Not open to Freshmen.

This course is planned to give a general understanding of the organization of our economic life and the fundamental principles underlying it. An analysis is made of production, distribution, and consumption, of the elements which determine value and price, with a brief introduction to money, banking and credit, monopoly, business combinations, labor problems, and economic reform. Sophomore elective. *Three hours a week, fall, winter, and spring quarters.* Messrs. Anson, Bunting, Donovan, Martin.

31-32. GENERAL ECONOMICS (10). Not open to Freshmen.

The content of this course is the same as that of Economics 21-22-23 but it is given as a double course in two quarters. Sophomore elective. *Five hours a week, fall, winter; winter, spring; and spring, fall quarters.* Professors Heer, Bernstein, Lear, Cowden, Winslow; Messrs. Blaine, Bunting, Donovan, Kuhlman, Martin.

35. ECONOMIC HISTORY (5). Not open to Freshmen.

A survey of the steps by which economic activities have evolved from primitive beginnings into the complicated capitalistic economy of today. Special emphasis on the development of the wage system, the Industrial Revolution, the expansion of markets, the ebb and flow of industrial activities, the relation of industrial development to political policy, as they have manifested themselves in England and in the United States. *Five hours a week, every quarter.* Professors Heath, Evans.

61-62. GENERAL ECONOMICS (10). Not open to Freshmen or Sophomores.

This course is planned for students in the Upper College, other than those whose major is economics, who desire an elective in the principles of economics. The field covered is the same as in Economics 31-32 but at a more advanced level and in a more critical way. *Five hours a week, fall, winter; and winter, spring quarters.* Professors Wolf, Evans.

81-82. PRINCIPLES OF MONEY AND BANKING (10). Prerequisite, Economics 21-22-23 or equivalent.

A general study of the principles, functions, and forms of money and credit, followed by analyses of current money and credit problems. The second half of the course is devoted to a study of the theory of commercial banking with particular respect to its application and development in the United States. *Five hours a week, fall, winter; and winter, spring quarters.* Professors Woosley, Bernstein, Winslow.

Courses for Graduates and Advanced Undergraduates

121. RISK AND RISK-BEARING (5). Prerequisite, Economics 21-22-23 or equivalent.

A study of the risk element in modern industry together with the measures which have been devised to meet it. This course should precede the study of insurance. *Five hours a week, fall quarter.* Professor Lear.

124. PRINCIPLES OF MARKETING (5). Prerequisite, Economics 21-22-23 or equivalent.

A critical study of marketing organization and operation. Among the topics discussed are: methods of approach to the study of marketing; the marketing of farm products, the marketing functions; trade channels; direct marketing; the services performed by brokers, sales agents, auctioneers, wholesalers, and different types of retailers; commodity exchanges and future trading; price policies; price maintenance; brand policies; market research; problems relating to marketing costs; and scientific marketing management. Emphasis is placed on recent developments in retailing, such as the growth in economic importance of centrally owned chain store organizations, coöperative chains, and consumers' coöperative stores. In the study of the marketing of farm products special attention is given to coöperative marketing, and the work of the Agricultural Adjustment Administration and the

Farm Credit Administration is examined critically. Study is made likewise of other governmental bureaus which influence marketing. *Five hours a week, fall quarter.* Professor Taylor.

131. ECONOMIC THEORY (5). Prerequisite, Economics 21-22-23 or equivalent.

The primary purpose of this course is the development of greater facility upon the part of the student in the use of economic theory as a tool in the solution of economic and business problems. Supplementary thereto, the assumptions and limitations of economic theory are analyzed. Specific problems are employed to test the utility of theory as a framework of thought for their solution. Required of all seniors in the School of Commerce and of all seniors whose major is Economics. *Five hours a week, every quarter.* Professor Spruill.

137. ECONOMIC DEVELOPMENTS IN THE ORIENT SINCE 1800 (5).

A study of the foundations of economic life and of modern economic developments in Japan, China, and India. Special attention is given to the rise of modern industry, commerce, and finance, and to the effect of these upon the indigenous cultures and upon international relations. *Five hours a week, spring quarter.* Professor Buchanan.

141. PUBLIC FINANCE (5). Prerequisite, Economics 21-22-23 or equivalent.

A general study of government business covering the principles involved in public revenues and expenditures—local, state, and national; a treatment of the just distribution of public charges and their incidence; and a study of the growth and organization of modern tax systems. *Five hours a week, fall quarter.* Professor Heer.

142. PROBLEMS IN FEDERAL FINANCE (5). Prerequistie, Economics 141.

An advanced critical study of the problems of American national finance with particular reference to federal taxes and federal tax procedure. *Five hours a week, winter quarter.* Professor Heer.

143. PROBLEMS IN STATE AND LOCAL FINANCE (5). Prerequisite, Economics 141.

Selected problems relating to the financing of states and local functions. *Five hours a week, spring quarter.* Professor Heer.

145-146. PROBLEMS OF MODERN INDUSTRIALISM (10). Prerequisite, Economics 21-22-23 or equivalent.

This course first surveys technological efficiency and market organization as limiting factors in the determination by industrial management of the rational requirements of plant organization. External political and social forces are then introduced into the complex to show modern industrialism as a phase of mature capitalism. Against this background of modern capitalism, the issues and trends of public policy with respect to economic organization in America and Europe are compared and appraised. (Alternates with Economics 257-258; will be given in 1938-1939). *Five hours a week, fall and winter quarters.* Professor von Beckerath.

151. TRANSPORTATION (5). Prerequisite, Economics 21-22-23 or equivalent.

The first part of this course is designed to acquaint the student with the structure and the functions of transportation in modern industrial society. The prices of transportation services are analyzed with regard to both the supply of the services and the location of other economic enterprises. The second part of the course presents the evolution of public policy, the growth of state and federal regulation; and considers the important trasportation problems which confront our regulatory commissions and other public representative bodies today. *Five hours a week, fall quarter.* Professor Heath.

153. PUBLIC UTILITIES (5). Prerequisite, Economics 21-22-23 or equivalent. The first part of the course is historical and descriptive, covering the physical and technical development and the corporate and financial set-up of public service corporations other than railroads, including electric light and power companies, telegraph companies, street railways, motor vehicle carriers, and similar utilities. The second part of the course deals with methods of protecting the public interest in utility services. Among the topics considered are: the legal bases of utility regulation, state and federal regulatory agencies, valuation and rate of return, principles of rate making, capitalization, and security regulation, the problem of the holding company, and public ownership. *Five hours a week, spring quarter.* Professor Heer.

161. THEORY OF INTERNATIONAL TRADE (5). Prerequisite, Economics 21-22-23 or equivalent.

In this course international trade is viewed from the standpoint of the political economist, emphasizing the social aspects. After a historical study of the past and a critical analysis of the present foreign commerce of the United States and principal competitors, an effort is made to apply to a survey of our foreign markets and of our foreign sources of supply the general principles of economic theory in so far as they pertain to international trade. Following this the payment balances of this country and of other leading countries engaged in world commerce are critically studied. Finally, the most important theories of international trade are reviewed in the light of historical development. *Five hours a week, fall quarter.* Professor Zimmermann.

165. COMMERCIAL POLICY OF MODERN NATIONS (5). Prerequisite, Economics 161.

After a general survey of international commercial policy up to the close of the Napoleonic Wars, a more detailed comparative study of the commercial policy of the leading nations during the last hundred years is made. The following countries are included: United States, Great Britain, France, Germany, Russia, Italy, Canada, Argentina, and India. Special attention is given to tariff problems, colonial policies, and to imperialism. The present world resources situation and its probable effect on future commercial policy is appraised. (Alternates with Commerce 169; will be given in 1938-1939.) *Five hours a week, spring quarter.* Professor von Beckerath.

170. ECONOMIC STATISTICS (5). Prerequisite, Mathematics 1-2-3, Economics 21-22-23 or equivalent.

This course is designed to give an understanding of statistical technique used by economists and business men. Among the topics included are: collection of data, tabular and graphic presentation, averages, reliability, theory, index numbers, time series analysis, and simple correlation. Emphasis is put on the meaning and limitations of statistical methods rather than on techniques of computation and mathematical proofs. The laboratory work is designed to give practice in the use of the processes studied, together with an interpretation of the results found. *Three lecture and four laboratory hours a week, every quarter. Laboratory fee, $1.00.* Professor Cowden.

171. ADVANCED ECONOMIC STATISTICS (5). Prerequisite, Economics 170 or equivalent.

This course is designed to give the student the ability to use some of the more exact and more technical tools, such as fitting of the normal curve, curvilinear trends for time series, changing the seasonal variation, and multiple correlation. Sampling theory is further considered. The course also seeks to give acquaintance with practical work and current literature in statistics. *Three lecture and four laboratory hours a week, spring quarter. Laboratory fee, $1.00.* Professor Cowden.

185. BUSINESS CYCLES (5). Prerequisite, Economics 21-22-23 or equivalent, and 81.

A study of the alternating periods of depression and prosperity. The underlying causes of panics and crises. Fluctuation in prices, trade volume, and physical production. *Five hours a week, winter or spring quarter.* Professor Bernstein.

191. AN INTRODUCTION TO THE LABOR PROBLEM (5). Prerequisite, Economics 21-22-23 or equivalent.

To the extent that the competitive wage system fails (a) to provide for the laborer an adequate basis for a decent living and (b) to draw from him the services he ought to render to industry, there appears to be a "labor problem." The purpose of this course is to make an analytic survey of the modern labor problem in its major aspects, such as unemployment, low wages, industrial accidents and diseases, overstrain, and superannuation, and the status of the worker in industrial society. Trade unionism and the labor movement and intervention by the State in behalf of the worker, and social methods of coping with the problems of labor are also surveyed. *Five hours a week, fall or winter quarter.* Professor Wolf.

192. LABOR AND SOCIAL CONTROL (5). Prerequisite, Economics 191.

An advanced course in social methods of coping with labor problems. These fall roughly into three classes: (a) self-help on the part of the workers, which embraces trade unionism, labor political activity, and consumers' coöperation; (b) employers' policies, such as welfare work and paternalism, profit-sharing, and company unionism; and (c) intervention by public authority, as through labor legislation, conciliation and arbitration, and judicial limitation of private property rights. In so far as possible the various topics will be studied in terms of the Southern labor situation. *Five hours a week, spring quarter.* Professor Wolf.

195. THEORIES OF ECONOMIC REFORM (5). Prerequisite, Economics 21-22-23 or equivalent.

A critical analysis of the leading proposals for reform in the present economic system, including Socialism, Bolshevism, Single Tax, and Social Insurance. *Five hours a week, every quarter.* Professor Carroll.

197. GOVERNMENT AND BUSINESS (5). Prerequisite, Economics 21-22-23 or equivalent.

This course deals with the control exercised by government over business operations. Emphasis is placed on legal control. Attention in some detail is given to trade regulations, public utilities, and the operation of the federal anti-trust laws. The course includes a study of the control of business by the states under their police powers and by the federal government under the interstate commerce and taxing provisions of the federal constitution. Governmental participation in business is treated to a limited extent as is the attitude of government toward labor. The emergency legislation of 1933 and the extensive governmental activities thereunder are studied. *Five hours a week, spring quarter.* Professor Hobbs.

Courses for Graduates

211. ADVANCED COMMODITY ECONOMICS (5). Prerequisite, Economics 11, 21-22-23, or equivalent.

The demand and supply conditions of selected commodities representing certain types are studied. The institutional factors affecting these conditions are critically examined with special reference to price behavior. *Five hours a week, winter quarter.* Professor Zimmermann.

224. THE ECONOMICS OF MARKETING (5). Prerequisite, Economics 124 or equivalent.

This course will develop the economic principles underlying marketing and show the inter-relations of the various marketing activities. Selected topics, such as the following, will be discussed critically: the government and marketing, the economics of chain store distribution, agricultural coöperation, the retailer and consumer coöperative movements, marketing research studies, scientific marketing management, resale price maintenance, the costs of distribution and waste and inefficiency in marketing. The topics considered will vary from year to year depending on the interests of the class. *Five hours a week, spring quarter.* Professor Taylor.

235. ECONOMIC DEVELOPMENTS IN THE OCCIDENT BEFORE 1750 (5). Prerequisite, graduate standing.

A study of the economic aspects of European life with special emphasis upon the manorial system and its decline, the guild system, the putting out system, the growth of money and credit economy, the Commercial Revolution, and the early stages of the Industrial Revolution. *Five hours a week, fall quarter.* Professor Buchanan.

236. ECONOMIC DEVELOPMENTS IN THE OCCIDENT SINCE 1750 (5). Prerequisite, graduate standing.

A study of the growth of modern economy in the Western world. Special emphasis is placed upon the spread of the factory system and the changes which have accompanied it in agriculture, transportation, money and banking, trade, and the condition of the laboring class. *Five hours a week, winter quarter.* Professor Buchanan.

251-252-253. ADVANCED ECONOMIC THEORY (15). Prerequisite, Economics 21-22-23 or equivalent.

A survey of economic theory from the standpoint of the evolution of modern industrial society. The three courses will not only include a review of the works of the leading economic writers, but will also summarize the principal physical, psychic, and social factors which have shaped economic theory and economic institutions. *Five hours a week, fall, winter, and spring quarters.* Professor Heath.

257-258-259. THE CRISIS IN MODERN CAPITALISM (12). Prerequisite, Economics 21-22-23 or equivalent.

This course, on the basis of an analysis of the political, legal, and economic structure of modern capitalism, deals in a comparative fashion with the efforts of industrial countries to cope with the present crisis of the capitalistic system by way of constitutional, political, and economic reforms. (Alternates with Economics 145-146; will be given in 1939-1940.) *Four hours a week, fall, winter, and spring quarters.* Professor von Beckerath.

281. MONEY, PRICES, AND FOREIGN EXCHANGE (5). Prerequisite, Economics 81-82 or equivalent.

A critical consideration of the various monetary standards, the theories of the value of money, the inter-relationships of exchange rates and prices, recent monetary policies, and proposals for modern reform. Emphasis is given to monetary history and contemporary experience in considering the validity of monetary theory. *Five hours a week, spring quarter.* Professor Bernstein.

282. COMMERCIAL AND CENTRAL BANKING (5). Prerequisite, Economics 81-82 or equivalent.

A study of the structure, functions, and operations of commercial and central banks with special reference to the Federal Reserve System. The policies of central banks as they relate to the volume of physical production, the national income, and the price level are critically examined. The theories on which these policies are predicated are analyzed. *Five hours a week, fall quarter.* Professor Woosley.

291. LABOR ECONOMICS (5). Prerequisite, Economics 191 or equivalent.

An intensive and critical analysis of certain phases of labor problems, among them: current wage theory; the position of the laborer in modern society; wage differentials; the effects of machinery on wages, hours, and work opportunities; the problem of unemployment; the economics of collective bargaining. *Five hours a week, spring quarter.* Professor Wolf.

301abc. SEMINAR IN ECONOMICS (with thesis 5). Prerequisite, Economics 21-22-23 or equivalent, and 81-82.

A general introduction to methods of advanced study. Some phase of economic activity in harmony with the interests of the members of the seminar is selected for consideration. Methods of work and content receive equal emphasis. *Two hours a week, fall, winter, and spring quarters.* Professor Heath (Chairman).

324. SEMINAR IN MARKETING (5).

This course is available for graduate students who wish to make an intensive study of special topics in marketing or to do original research work. Individual conferences are arranged with the instructor. *Equivalent of five hours a week, fall or winter or spring quarter.* Professor Taylor.

341. RESEARCH COURSE IN PUBLIC FINANCE (5).

The changing form and distribution of wealth and income together with the expanding conceptions of governmental services make imperative a constant reëxamination of fiscal problems. The scope of operations and the magnitude of revenues and expenditures emphasize the importance of administrative efficiency. Critical studies in this field are carried on under the supervision of the professor in charge. *Equivalent of five hours a week, fall or winter or spring quarter.* Professor Heer.

NOTE: Registration for this course must be approved by the professor in charge.

351. ECONOMIC HISTORY AND THEORY (5).

This course is a seminar dealing with the relations between economic history and economic theory. Theories of economic history are analyzed with the purpose of appraising their utility in the realm of general theoretical analysis. Currently used thought tools, or so-called theories, are tested as to their usefulness in the light of historical trends. So far as the materials to be studied are concerned, about equal emphasis will be placed upon historical data and contemporary thought. *Equivalent of five hours a week, fall or winter or spring quarter.* Professor Heath.

361. INTERNATIONAL ECONOMIC RELATIONS (5).

An increasing share of the economic life of mankind is being lifted out of the sphere of local and national activities, and is being subjected to world-wide influences. This tendency affects not only those business interests of ours directly engaged in foreign trade, but in general reacts upon our political position as a world-power, and materially influences our domestic and economic life.

The aim of this course is to provide graduate students interested in world economics the opportunity of pursuing advanced research along such lines as these: the movement of world prices; international commodity price control; the world food problem; the population question; advancing industrialization and future supply of raw materials; problems of international law affecting economic activities; foreign investments; commercial treaties; colonial policy, etc. *Equivalent of five hours a week, fall or winter or spring quarter.* Professor Zimmermann.

NOTE: Registration for this course must be approved by the professor in charge.

371. RESEARCH IN ECONOMIC STATISTICS (5).

This course is designed to allow individual study and research by qualified graduate students in specialized fields of economic statistics, such as business cycle statistical analysis, economic forecasting, price index number problems, regional business indices, commodity demand studies, or the statistical work of business establishments. *Equivalent of five hours a week, fall or winter or spring quarter.* Professor Cowden.

NOTE: Registration for this course must be approved by the professor in charge.

382. SEMINAR IN PRIVATE FINANCE (5).

The scope of this course will depend on the interests and preparation of the student, but an opportunity will be given for a more advanced study of commercial banking, central banking policies, and the forces operating in the money and capital markets. *Equivalent of five hours a week, fall or winter or spring quarter.* Professor Woosley.

NOTE: Registration for this course must be approved by the professor in charge.

385. ECONOMIC DYNAMICS (5).

This course focuses upon the changing nature of the modern economic organization. An effort is made to identify the more important of the dynamic elements, and to evaluate the significance of each in the general process of change. Attention is given to the readjustment processes and problems of particular industries, as well as to general trade, finance, and social well-being. Topics covered would include consumption behavior, income distribution, capital accumulation, money and credit conditions, new developments in marketing, production, transportation. The method of study will be inductive. *Equivalent of five hours a week, fall or winter or spring quarter.* Professor Bernstein.

NOTE: Registration for this course must be approved by the professor in charge.

391. HUMAN RELATIONS IN INDUSTRY (5).

This course is a seminar in selected topics in labor economics and aims to provide a limited number of graduate students an opportunity of doing critical and constructive work in this field. In view of the fact that there are grave problems connected with the adjustment of the workers to the new industrial and social order that is being developed in the South Atlantic States, a part of the time is usually devoted to this topic. *Equivalent of five hours a week, fall or winter or spring quarter.* Professor Wolf.

NOTE: Registration for this course must be approved by the professor in charge.

399. SEMINAR (5).

Individual research in a special field under direction of a member of the department.

COMMERCE

(Courses in Commerce count for credit toward the degree S.B. in Commerce only.)

Courses for Undergraduates

51. BUSINESS ORGANIZATION (5). Prerequisite, Economics 21-22-23 or equivalent.

The forms of business organization with emphasis on the corporation. The external relations of a business organization and the internal coördination of the factors in production with a view to the establishment of effective control and definite responsibility for results. Special attention will be directed to the various functions to be performed, such as production, finance, personnel, marketing, risk-taking, and records and standards. *Five hours a week, fall or spring quarter.* Professor Schwenning.

61. SALES MANAGEMENT (5). Prerequisite or corequisite, Economics 21-22-23 or equivalent.

This course presents important problems of sales planning and administration from the point of view of the executive in charge of marketing. Among the general topics considered are: the relation of the sales department to other departments of the business; types of sales organizations; the selection, training, compensation, and management of the sales force; distribution policies including the choice of channels and agencies; sales research and market analysis; the determination of price and brand policies; the statistical control of sales operations; and the costs of distribution. Methods of preparing sales budgets are emphasized and budgets used by representative companies are examined. The distributive organization of several companies is studied critically. In the latter part of the course the problem method of instruction is used. *Five hours a week, winter quarter. Laboratory fee, $1.00.* Professor Taylor.

71. ACCOUNTING PRINCIPLES (6). Prerequisite or corequisite, Economics 21-22-23 or equivalent, Commerce 51.

Lectures with laboratory work. Study of the theory of debit and credit, record making, organization of accounts, and presentation of financial and profit and loss statements. Laboratory exercises in accounting problems and technique. *Four lecture and four laboratory hours a week, every quarter. Laboratory fee, $3.00.* Professors Peacock, Sherrill; Messrs. Crutchfield, McMichael, Crooks.

72. ACCOUNTING PRINCIPLES (6). Prerequisite, Commerce 71.

Lectures with laboratory work. An approach to accounting problems from the business manager's point of view. It consists of a thorough study of the organization of the accounting department of a business and its relation to the other departments, accounting systems, construction and analysis of accounting statements. The principles of valuation of assets, depreciation, and bonds are also covered. *Four lecture and four laboratory hours a week, every quarter. Laboratory fee, $3.00.* Professors Peacock, Sherrill; Messrs. Crutchfield, McMichael, Crooks.

91-92. BUSINESS LAW (10). Prerequisite, Economics 21-22-23 or equivalent.

The aim of the course is to give the student an understanding of the main principles of law which govern in the daily conduct of business. The topics discussed are: contracts, agencies, negotiable instruments, sales, bailments, corporations, partnerships, and bankruptcy. *Five hours a week, fall and winter quarters.* Professor Hobbs.

Courses for Graduates and Advanced Undergraduates

121. INSURANCE: LIFE (5). Prerequisite, Economics 21-22-23 or equivalent.

A study of the principles and technique of life insurance, including disability, accident, and group insurance. Some attention will also be given to the investment operations of insurance companies. *Five hours a week, winter quarter.* Professor Lear.

122. INSURANCE: FIRE, MARINE, BOND, AND TITLE (5). Prerequisite, Economics 21-22-23 or equivalent.

In this course, an effort is made to consider as far as possible the wide range which the insurance function covers and the probable trend of its future development. The topics noted in the title of the course are studied and as many others as time will permit. *Five hours a week, spring quarter.* Professor Lear.

141. TRAFFIC PROBLEMS (3). Prerequisite, Economics 151.

A study of current technical problems in the field of transportation and traffic management. (This course will be given only in case as many as five students register for it.) *Three hours a week, winter quarter.* Professor Heath.

151. PRINCIPLES OF INDUSTRIAL MANAGEMENT (5). Prerequisite, Economics 21-22-23 or equivalent, Commerce 51.

This course covers the problems involved in the construction, equipment, and administration of a manufacturing enterprise. The unit of study is the factory. The subject matter is treated under four heads: the underlying principles of production, the agencies of production, the control of production operations, and the establishment of production standards. *Five hours a week, winter quarter.* Professor Schwenning.

154. INDUSTRIAL MANAGEMENT: THEORIES AND PRACTICES (3). Prerequisite, Economics 21-22-23 or equivalent, Commerce 51. Open only to selected seniors and graduate students.

A critical examination of the economic, social, and ethical aspects of modern business administration. Current theories of organization and management will be taken up and subjected to careful scientific analysis. Practices will be compared with theories. An attempt will be made to formulate the underlying principles upon which the administration of modern industrial enterprise rests. (Alternates with Commerce 157; to be given in 1938-1939.) *Three hours a week, winter quarter.* Professor Schwenning.

155. PERSONNEL MANAGEMENT (5). Prerequisite, Economics 21-22-23 or equivalent, Commerce 51.

A scientific study of the methods of hiring and handling personnel in the various lines of industry. The supply, selection, training, promotion, transfer, and discharge of employees; the computation and significance of labor turnover; housing, educational, and recreational facilities; the functions of a personnel department with reference to efficiency, and the maintenance of good will between employees and employers. *Five hours a week, spring quarter.* Professor Schwenning.

157. TIME AND MOTION STUDY (3). Prerequisite, Economics 21-22-23 or equivalent, Commerce 51, 151. Open only to seniors and graduate students.

A presentation of the elements of time and motion study as a phase of scientific management and as a device used by modern industrial establishments to measure the productive capacity of workers on specific jobs and to set production standards. The course will include a discussion of the following: fundamentals and development of time and motion study; equipment and qualifications of a time study man; collection and tabulation of data; organization of the time study department, etc. Students will be given practice in making time studies and in applying the results. (Alternates with Commerce 154; given in 1939-1940.) *Three hours a week, winter quarter.* Professor Schwenning.

161. ADVERTISING (5). Prerequisite, Economics 21-22-23 or equivalent.

A study of the economics of advertising, the place and function of advertising in business, and the psychological principles applicable to the preparation of advertisements. The chief problems of advertising are discussed from the viewpoint of the executive in charge of marketing who must continually give consideration to what can reasonably be expected from advertising as part of a complete distribution program. Emphasis throughout the course is placed on the ethical aspects of advertising and on the use of research methods in the effective planning and preparation of advertising campaigns. Several outstanding campaigns are studied in detail. Considerable practice is given students in the planning and preparation of advertisements. *Five hours a week, fall or spring quarter. Laboratory fee, $1.00.* Professor Taylor.

163. ADVANCED COURSE IN MARKETING (5). Prerequisite, Economics 124 or Commerce 61 or 161.

This course is for students who wish to do advanced work in the field of marketing. The particular problems considered vary from year to year depending on the interests of the class. The seminar method is used. *Five hours a week, spring quarter.* Professor Taylor.

165. RETAIL DISTRIBUTION (5). Prerequisite, Economics 21-22-23 or equivalent.

A critical study is made of the general policies and practices of retail institutions such as unit stores, department stores, specialty stores, chain stores, voluntary chains, and mail order houses; and an attempt is made to develop the principles of retail distribution. Among the general topics considered are: elements of retail profit, types of retail institutions and types of merchandise, store location, store layout and merchandise classification, sales and service policies, merchandising, pricing policies, brand policies, relations with merchandise sources, and organization. Problems and cases form an important part of this course. *Five hours a week, winter quarter* Professor Taylor.

169. FOREIGN TRADE PRACTICE (5). Prerequisite, or corequisite, Economics 124.

This course treats of foreign trade as a business profession, developing both its functional and structural aspects. Attention is given to both exporting and importing as well as ocean shipping and marine insurance. (Alternates with Economics 165; will be given in 1939-1940.) *Five hours a week, spring quarter.* Professor Zimmermann.

171. ADVANCED ACCOUNTING (5). Prerequisite, Commerce 71-72.

Lectures with laboratory work. Study of accounting problems and forms for special types of business concerns. Accounting for the organization and liquidation of co-partnerships and corporations, for combinations and consolidations, for trustees and receiverships, branch houses, municipalities, and foreign exchange. *Five hours a week, spring quarter. Laboratory fee, $3.00.* Professor Peacock.

172. ACCOUNTING PRACTICE (6). Prerequisite, Commerce 71 and prerequisite or corequisite, Commerce 72.

A laboratory course. Bookkeeping systems and records for the various industries prevalent in North Carolina are studied and practice sets for each are prepared. A tentative list will include tobacco manufacturing, furniture manufacturing, cotton goods manufacturing, automobile sale agencies and garages, banks in small cities, and municipalities. *Six hours a week, spring quarter. Laboratory fee, $3.00.* Professor Peacock.

173. COST ACCOUNTING (5). Prerequisite, Commerce 71-72.

Lectures with laboratory work. Methods for collection of data relative to prime costs and a careful analysis of various methods of burden distribution. Application of principles will be made in the laboratory by means of budgets for cost accounting in different classes of enterprise. *Five hours a week, fall quarter. Laboratory fee, $3.00.* Professor Peacock.

175. AUDITING (5). Prerequisite, Commerce 71-72.

Lectures and problems. Kinds of audits, systems of accounts, methods of conducting audits, and problems in auditing. *Five hours a week, winter quarter. Laboratory fee, $3.00.* Professor Peacock.

177. INCOME TAX PROCEDURE (5). Prerequisite, Commerce 71-72.

This course consists of a thorough study of both the Federal and State income tax laws and the problems that arise in the making of the various returns. The preparation of the tax returns and claims for refund will be undertaken as laboratory exercises. *Five hours a week, winter quarter. Laboratory fee, $2.00.* Professor Sherrill.

178. C. P. A. PROBLEMS (3). Prerequisite, Commerce 71-72.

This course deals with the questions and problems given by the different states and the American Institute in their C. P. A. examinations. Typical problems are solved, and solutions prepared by the leading accountants of the country are studied. (This course will be given only in case as many as five students register for it.) *Three hours a week, spring quarter.* Professor Peacock.

179. GOVERNMENTAL ACCOUNTING (5). Prerequisite, Commerce 71-72.

Lectures and laboratory work. A study of budgeting accounting and its application to the various governmental units; the differences between fund accounting and commercial accounting; methods of collecting data recorded in books of original entry; and the preparation of financial statements. A survey will be made of systems for educational institutions, and for state, county, and city governments. Laboratory work will consist of practical problems. Field trips will be taken in order to study the system used by the State of North Carolina, the system prepared by the County Government Advisory Commission for counties, and other available systems. *Five hours a week, spring quarter. Laboratory fee, $2.50.* Professor Sherrill.

181. ADVANCED BANKING AND FOREIGN EXCHANGE (5). Prerequisite, Economics 81-82.

A study of the operation and administration of the commercial banking system. Comparisons with the banking systems of other countries will be made. Federal Reserve policies, and the theories underlying them, will be examined. Attention will also be directed to international banking operations and the forces determining the rates of foreign exchange. *Five hours a week, spring quarter.* Professor Woosley.

191. CORPORATION FINANCE (5). Prerequisite, Economics 21-22-23, Commerce 51 and 71.

A study of the principles and practice of corporate financing. Among the topics considered are: the methods of raising permanent capital, problems of current financing, the treatment of earnings, and financial problems incident to expansion and reorganization. Specific problems and reports are employed to illustrate and emphasize the principles involved. *Five hours a week, fall or winter quarter.* Professor Woosley.

195. INVESTMENTS (5). Prerequisite, Economics 21-22-23, Commerce 71-72, 191.

This course is essentially a laboratory study of corporate securities from the standpoint of the investor. Primary emphasis is placed upon the development of technique and standards of investment analysis. *Five hours a week, spring quarter.* Professor Woosley.

Courses for Graduates

207. THE FUNCTION AND THEORIES OF MANAGEMENT (5). Prerequisite, Commerce 51 or equivalent.

This course analyzes the function of management in contemporary business organization together with the theories involved in the direction of enterprises. Among the topics considered are: the function of management; the management movement; the utilization of the scientific method in management; the laws of organization; scientific management; and the types and theories of management organization. The subject matter will be considered from both functional and social viewpoints. *Five hours a week, winter quarter.* Professor Schwenning.

301abc. SEMINAR IN COMMERCE (With thesis 5).

A general introduction to methods of advanced study. Some phase of business activity in harmony with the interests of the members of the seminar is selected for consideration. Methods of work and content receive about equal emphasis. *Fall, winter, and spring quarters.* Professor Woosley (Chairman).

399. SEMINAR. (5 each quarter.).

Individual research in a special field under direction of a member of the department.

*DEPARTMENT OF EDUCATION

Professors: †H. R. DOUGLASS, **M. C. S. NOBLE, E. W. KNIGHT, A. M. JORDAN, G. B. PHILLIPS, O. K. CORNWELL, R. J. MAASKE. Associate Professors: C. E. PRESTON, P. C. FARRAR, H. F. MUNCH, HUGO GIDUZ, J. M. GWYNN. Assistant Professor: A. K. KING. Instructor: W. D. PERRY. Teaching Fellow: W. J. E. CRISSY. Assistants: W. E. CONRAD, LUBIN LEGGETT.

IN EXTENSION

Professor: W. J. MCKEE.
Associate Professor: R. W. MORRISON.
Assistant Professor: GLADYS ANGEL BEARD.

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*All students who plan to follow a teacher-training program should consult the Chairman of the Division of Teacher Training, who is also Head of the Department of Education, for admission to the Division before registering for their junior year. Freshmen and sophomores who know that they wish to teach are advised to consult the Chairman of the Division of Teacher Training as early as possible. It is difficult to meet the State requirements for high school teaching certificates in certain fields unless the student chooses General College courses in the light of these requirements.

For further information concerning preparation for teaching see the section in the catalogue headed "Division of Teacher-Training."

**Kenan Professor *emeritus*.

†Duties to be assumed March, 1938.

Courses for Undergraduates

41 (31). GENERAL INTRODUCTION TO THE STUDY OF EDUCATION (5). Required of all prospective high school teachers. Sophomore elective.

This course attempts to aid prospective teachers in obtaining a general understanding of the philosophy and procedures of public education. It introduces the history, traditions, organization, and purposes of public schools. An attempt is made to help each student to examine his own abilities, limitations, interests, and personality in the light of requirements for successful teaching of high school students. Textbook, class exercises, outside observations and readings, and special reports will be required. *Five hours a week, every quarter.* Professor Maaske.

42. INTRODUCTION TO THE HISTORY OF EDUCATION IN THE UNITED STATES (5). Prerequisite, Education 41. Sophomore elective.

A survey of the principal factors in the growth and development of education in the United States designed to throw light on present day problems. *Five hours a week, spring quarter.* Professor Knight.

61c. GENERAL PSYCHOLOGY FOR STUDENTS OF COMMERCE (5). For students in the School of Commerce; not open to others.

A course in general psychology for students in the School of Commerce. Emphasis is placed upon the psychological aspect of social phenomena. *Five hours a week, fall or winter quarter. Fee for materials, $1.00.* Professor Jordan.

71. EDUCATIONAL PSYCHOLOGY (5). Required of all prospective high school teachers.

To consider critically such topics as the original nature of man, heredity versus environment, kinds of learning and factors influencing learning, individual differences, mental hygiene, and mental measurements is the purpose of this course. Lectures, textbooks, laboratory. *Four lecture and two laboratory hours a week, every quarter.* Professor Jordan.

82. DIRECTED TEACHING OF HIGH SCHOOL ENGLISH (5). Prerequisite, courses to be determined by the instructor.

The purpose of this course is to provide actual practice in teaching high school classes in English under supervision. It will be initiated by observation of teaching, study of the material taught, and preparation of lesson plans. *Five hours a week, every quarter.* Professor Farrar.

84. DIRECTED TEACHING OF HIGH SCHOOL FRENCH (5). Prerequisite, courses to be determined by the instructor.

In this course the student carries out as far as possible the plan evolved in Education 183. From participation through a period of observation, the student gradually reaches the active stage of teaching. During the latter half of the term he has sole charge of the class, always of course, under the supervision of the instructor. Daily lesson plans and conferences for the discussion of each day's work. *Five hours a week, every quarter.* Professor Giduz.

86. DIRECTED TEACHING OF THE SOCIAL STUDIES (5). Prerequisite, courses to be determined by the instructor.

In this course the student will at first attend a high school class in history or community civics and observe the methods and techniques of conducting the class. When, in the judgment of the instructor, the student is sufficiently familiar with the correct methods, he will be permitted to conduct the class under the supervision of the instructor. After each class conducted by the student teacher his work will be discussed and criticized in conference with the supervisor. *Five hours a week, every quarter.* Professor King.

88. DIRECTED TEACHING OF HIGH SCHOOL LATIN (5). Prerequisite, courses to be determined by the instructor.

The teaching of Latin in the practice school will be observed closely by students for a time; the work of the classes observed will be fully discussed. After such intensive observation work, the students will be required to work out individual lesson plans for the classes observed. When the instructor believes that the students have learned the correct procedures he will provide each of them with a a class to teach under his supervision. Critical reports and discussions of the class work of each student teacher will follow. *Five hours a week, every quarter.* Professor Gwynn.

90. DIRECTED TEACHING OF HIGH SCHOOL MATHEMATICS (5). Prerequisite, courses to be determined by the instructor.

This course familiarizes the student with the actual classroom situation. It consists of the following steps: mastery of subject matter to be taught; preparation for teaching by observation, making lesson plans, and conferences with the instructor; actual teaching; and discussion with the instructor of techniques used and results obtained. Teaching by the student is the feature of the course. *Five hours a week, every quarter.* Professor Munch.

92. DIRECTED TEACHING OF HIGH SCHOOL SCIENCE (5). Prerequisite, courses to be determined by the instructor.

The object of this course is to give the student familiarity with the science classroom and laboratory in operation. Entering first as an observer he will gradually be allowed to take over more and more of the work as he is considered qualified to do so. Conferences with the instructor will be an important part of this course. *Five hours a week, every quarter.* Professor Preston.

98. GENERAL METHODS IN SECONDARY EDUCATION (5). Required of all prospective high school teachers who do not offer Education 99. Prerequisite, Education 71.

The first half of this course deals with the aims of high school teaching and the outcomes of learning. In the second half an evaluation of the various techniques and methods of instruction used in high schools is attempted. The course includes a limited amount of observation in the training school. *Five hours a week, winter quarter.* Professor Maaske.

99. PRINCIPLES OF SECONDARY EDUCATION (5). Required of all prospective high school teachers who do not offer Education 98. Prerequisite, Education 71.

A study of the American high school, its evolution, organization, administration, functions, and problems. Special emphasis will be laid on the public high school in North Carolina. This course is designed especially to meet the needs of those students who are looking toward teaching positions in secondary schools. Textbooks, lectures, assigned readings, and reports. *Five hours a week, fall or spring quarter.* Professor Maaske.

Courses for Graduates and Advanced Undergraduates

†101. INTRODUCTORY COURSE IN SCHOOL ADMINISTRATION (5).

This course will consider the most important problems of school administration, especially as these problems bear on the success of the teacher's work. Students without teaching experience, or teachers without a knowledge of administrative problems, should not register for the more specialized courses in the field of administration until after completing this course. Textbooks, observations, and discussions. *Five hours a week, spring quarter.* Professor Phillips.

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† Not given 1937-1938

†102. THE ELEMENTARY SCHOOL PRINCIPALSHIP (5).

The qualifications, duties, and opportunities of the elementary school principal as an educational leader will be carefully examined. Attention will be given to the practical organization of the staff, the instructional program, extra-curricular activities, and all the other professional responsibilities of the principal. *Five hours a week, winter quarter.* Professor Phillips.

†103. ELEMENTS OF STATISTICAL METHODS (5). Prerequisite, Education 71 or Psychology 21-22-23.

This course provides the statistical training needed for understanding reports of modern educational investigations. Methods of collecting data for educational, psychological, and social studies, procedures and devices used in tabulating data, calculating measures of average, dispersion, and correlation, and dangers in interpreting calculated index numbers will be given special attention. Readings, demonstrations, daily problems, special reports, and critical discussions. *Five hours a week, winter quarter.* Professor Jordan.

†105. GUIDANCE AND ADMINISTRATION OF PUBLIC SCHOOL PUPILS (5). Prerequisite, four full courses in education, including one in administration, two years of successful teaching experience.

This course undertakes not only to acquaint the student with the extensive literature of scientific research in pupil personnel work, but also to develop through actual handling of individual records, reports, and materials as many as possible of the important skills required of the principal in the classification and promotion of pupils, in program making, in organization of pupil activities, in student government, in athletics, etc. *Five hours a week, alternate spring quarters.* Professor ....

†106. GENERAL PRINCIPLES OF OCCUPATIONAL DIAGNOSIS AND GUIDANCE (5). Prerequisite, practical experience and at least two years of psychology and education.

This course is designed to provide a broad introduction to this field for graduate students who have had adequate training in general psychology and some practical experience in business, industry, or a profession. Two fairly distinct groups of students are invited to register for the course: (a) those who plan to become personnel or placement officers in public employment offices, industrial and commercial firms, schools, or colleges; (b) teachers, supervisors, and administrative school officers. *Five hours a week, alternate fall quarters.* Professor Bradshaw.

110. PHILOSOPHY OF MODERN EDUCATION (5).

The biological, psychological, and sociological principles underlying modern life in a democracy will be examined critically as a basis for a sound philosophy of modern education. Readings, reports, observations, and discussions. *Five hours a week, alternate fall quarters.* Professor Bradshaw.

†121. EXTENSIVE READING PROGRAMS FOR HIGH SCHOOL PUPILS (5).

The object of the course is to study the reading interests of the adolescent group in classical, standard, and modern books and to demonstrate how an extensive reading program may be correlated with the course of study. *Five hours a week, winter quarter.* Professor Beust.

142. HISTORICAL FOUNDATIONS OF MODERN EDUCATION (5).

This course traces the development of some of the more important educational problems of modern times as they have been affected by the social and political facts of history, by the contributions of the leading educational theorists, and by institutional practice. Textbooks, lectures, investigations, and reports. *Five hours a week, winter quarter.* Professor Knight.

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† Not given, 1937-1938.

143. SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES (History 170) (5).

The social and educational institutions and practices of the United States are traced through: (a) the period of transplanting of European institutions; (b) the period of modifications of institutional life to meet new conditions; and (c) the period of development of a social and an educational system of free common schools, high schools, and higher and technical education in harmony with the political and social ideals and institutions of America. Textbook, lectures, investigations, and reports. *Five hours a week, fall quarter.* Professor Knight.

145. COMPARATIVE EDUCATION (5).

This is a course in comparative education with emphasis upon the modern educational experience of and the more significant educational movements in certain foreign countries. Attention will be given to education as a means of national advancement and to the development of retarded national cultures through education. *Five hours a week, spring quarter.* Professor Knight.

146. CONTEMPORARY ISSUES AND TRENDS IN EDUCATION (5).

A study of tendencies and developments in elementary, secondary, and higher education and in teacher training in the United States since 1900. *Five hours a week, spring quarter.* Professor Knight.

†152. THE TEACHING AND SUPERVISION OF THE LANGUAGE ARTS IN THE ELEMENTARY GRADES (5).

Oral and written expression, spelling, penmanship, and grammar will be considered during the first half of this course. Reading and children's literature will be discussed during the second half of the course. The techniques and procedures available for improving the quality of instruction in these fields will be given primary attention. *Five hours a week, alternate fall quarter.* Professor........................

†154. THE TEACHING AND SUPERVISION OF THE SOCIAL STUDIES IN THE ELEMENTARY GRADES (5).

The problems of supervising elementary school teachers of history, geography, and citizenship will be discussed in this course. *Five hours a week, alternate spring quarters.* Professor King.

†155. THE TEACHING AND SUPERVISION OF THE NATURAL SCIENCES IN THE ELEMENTARY GRADES (5).

Nature study and elementary science, including physical geography, will be considered in this course. *Five hours a week, alternate winter quarters.* Professor Preston.

160. CURRICULUM CONSTRUCTION (5).

The construction and organization of the curricula of the elementary and secondary schools when based upon human needs. Includes consideration of the teacher's function in curriculum construction, objectives of the school subjects, sources of curricular material and criteria for evaluating it, selection and organization of the pupil-activities through which the objectives may be obtained. *Five hours a week, alternate winter quarters.* Professor Gwynn.

†163. EVALUATION OF CLASSROOM INSTRUCTION (5).

The general and specific objectives of instruction are agreed upon in the early meetings of this course. Criteria are then developed for evaluating the materials, techniques, activities, and outcomes of instruction. The latter part of the course consists in applying the criteria to actual classroom lessons in an attempt to develop skill in observing, evaluating, and improving instruction. *Five hours a week, alternate spring quarters.* Professor Douglass.

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† Not given, 1937-1938.

†164. TESTS AND MEASUREMENTS IN ELEMENTARY EDUCATION (5). Prerequisite, Education 71 or Psychology 21-22-23.

Methods of measuring and improving the results of instruction in the elementary school will be given detailed consideration in this course. Students will be made acquainted with the most important tests and scales and will be given some experience in interpreting the results both statistically and practically. *Five hours a week, alternate fall quarters.* Professor Jordan.

†173. MENTAL MEASUREMENTS (5). Prerequisite, Education 71 or Psychology 21-22-23.

A study of mental tests, both individual and group. The origin of tests will be first considered, followed by a comparative study of the various types of group and individual tests. Ample opportunity will be offered for the actual administration of tests and the interpretation of results. *Five hours a week, alternate spring quarters.* Professor Jordan.

181. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL ENGLISH (5). Prerequisite, courses to be determined by the instructor.

This course is designed to give practical preparation for the teaching of English in high schools. It includes consideration of the aims, courses of study, and methods found most effective in the teaching of grammar, composition (oral and written), and the different types of literature to pupils of high school age. Applicants should be thoroughly grounded in the fundamental principles of English grammar, should write and speak well, and should have more than average ability to appreciate literature. *Five hours a week, fall or spring quarter.* Professor Farrar.

183. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL FRENCH (5). Prerequisite, courses to be determined by the instructor.

In this course the student studies the development of modern language teaching. Particular stress is laid on present-day tendencies, more especially in connection with pronunciation, phonetics, reading, "realia," activities, texts, etc. Weekly reports on readings. Term paper. *Five hours a week, every quarter.* Professor Giduz.

185. MATERIALS AND METHODS OF TEACHING THE SOCIAL STUDIES (5). Prerequisite, courses to be determined by the instructor.

This course is required of all students who are preparing to teach high school history and other social studies. Such problems as planning and organizing the course, textbooks, and library equipment, maps, pictures, and other visual aids will be considered. Following these will be a discussion of various problems such as the recitation, teaching pupils how to study, the lecture, textbook, topical problem and source methods, written work, and testing results. Textbooks, lectures, discussions, special investigations, and reports. *Five hours a week, fall and winter quarters.* Professor King.

187. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL LATIN (5). Prerequisite, courses to be determined by the instructor.

This course is designed primarily for students who plan to teach high school Latin, whether as a major or minor subject. The history of the teaching of Latin will be discussed along with modern tendencies of instruction in this field. A special study will be made of high school Latin texts, and reports and discussions will emphasize the various methods used in teaching them. Helpful bibliographies will be compiled and examined. *Five hours a week, winter or spring quarter.* Professor Gwynn.

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† Not given, 1938-1939.

189. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL MATHEMATICS (5). Prerequisite, courses to be determined by the instructor.

A course designed to give those preparing to teach mathematics in high school a comprehensive view of that field. It is composed of six units as follows: history of mathematics, objectives of mathematics teaching, materials, methods, the psychology of mathematics teaching, and measuring achievement in the field of mathematics. Reading and reports on these units will be required. *Five hours a week, fall and spring quarters.* Professor Munch.

191. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL SCIENCE (5). Prerequisite, courses to be determined by the instructor.

Knowledge of science content is assumed. This course considers the objectives and curriculum position of secondary school science, the proper teaching viewpoint, instruction techniques, selection and use of equipment. The development of secondary school science in response to changing economic, social, and educational conditions is briefly studied. Assigned readings introduce the important literature. *Five hours a week, every quarter.* Professor Preston.

193. MATERIALS AND METHODS OF TEACHING DRAMATICS IN HIGH SCHOOLS (5) Prerequisite, courses to be determined by the instructor.

This course includes consideration of the teaching of oral English, the correction of speech faults, the teaching of dramatic literature and playwriting, the selection and production of plays, and the direction of dramatic clubs in secondary schools. Teachers of the State elective in drama are required to teach written as well as oral English set down for Education 181. *Five hours a week, winter quarter.* Professor Farrar.

194. MEASUREMENTS IN SECONDARY EDUCATION (5). Prerequisite Education 71 or Psychology 21-22-23.

Standard tests for measuring the results of secondary school instruction will be examined and discussed. Special attention will be given to the results and needs in North Carolina high schools. Students will be expected to become fairly familia with the tests and scales and to develop some skill in interpreting results. *Five hours a week, spring quarter.* Professor Jordan.

196. THE ORGANIZATION AND ADMINISTRATION OF SECONDARY SCHOOLS (5).

This course will consider such topics as the following: organization of secondary school units; housing; selecting and assigning the staff; schedule making; public relations and publicity; organization of guidance and of extra-curricular activities; pupil, equipment, and internal fund accounting and related problems of administration; government; problems relating to instruction; and the scope and function of supervision in improved high school instruction. *Five hours a week, fall quarter.* Professor Douglass.

†197. SOCIAL POLICY AND EDUCATION (5).

Fundamental problems in the social and ethical theory of education. Lectures, prescribed readings, essays, and reports. This course deals with problems of social progress from the standpoint of education, attempts to define a social policy for education, and discusses the vital educational issues involved in that policy. *Five hours a week, winter quarter.* Professor____________.

Courses for Graduates

201. PROCEDURES IN EDUCATIONAL RESEARCH (5).

This course, for graduate students only, will be required of all candidates for higher degrees in the fields of educational administration and elementary education. Through the examination of selected examples of published research, members of the class will study the methods and techniques to be used in discovering, defining, and analyzing problems for investigation; in locating, gathering, and interpreting data; and in formulating and testing conclusions. *Five hours a week, winter quarter.* Professor Douglass.

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† Not given, 1937-1938.

271-272. PROBLEMS IN EDUCATIONAL PSYCHOLOGY (10.) Prerequisite, Education 71 or Psychology 21-22-23, and preferably one other course in educational psychology. (Either part may be taken for credit of 5 quarter hours.)

A double course treating intensively the fundamental facts of educational psychology. This course is designed for those who intend to have their major in educational psychology and for all those who wish a thorough grounding in the psychological principles of education. The first part of this double course (271) will deal with problems of conduct and individual differences; the second part (272) will deal with problems of learning. *Five hours a week, fall and winter quarters.* Professor Jordan.

298. SUPERVISION OF INSTRUCTION (5).

This course will meet the needs of principals, supervisors and superintendents. It will deal with the nature and functions of supervision in a modern school program. The following topics will receive attention: recent trends in supervisory theory and practice; teacher participation in the determination of policies; an effectively organized program of supervision; standards for judging teaching; methods of improving instruction; the use of supervisory conferences; teachers' meetings; curriculum adjustment, and other direct and indirect means of supervision. *Five hours a week, winter quarter.* Professor Douglass.

†299. PRINCIPLES OF SECONDARY EDUCATION (5).

A systematic course for graduate students, intended primarily for those who have not had Education 99. This course will embrace a study of the American high school, its evolution, organization, administration, functions, and problems. It is designed primarily for high school principals and graduate students who are looking forward to high school principalships. Textbooks, lectures, readings, and reports. A term paper will be required of each student before credit for the course will be allowed. *Five hours a week, spring quarter.* Professor Douglass.

303ac. PROBLEMS IN EDUCATIONAL ADMINISTRATION (6). Prerequisite, Education 101 or its equivalent and one other course in educational administration.

A graduate course offering opportunity for intensive study and research on selected problems in the field of educational administration. The problems will be selected by the class each year, making it possible for the students to take this course more than once. *Three hours a week, fall, spring, and summer quarters.* Professor Maaske.

304ab. PROBLEMS IN EDUCATIONAL MEASUREMENTS (6). Prerequisite, Education 164 or 194.

Students who wish to specialize in educational measurements may take this course more than once if desired, since the problems considered will differ from year to year. *Three hours a week, alternate winter and spring quarters.* Professor ....

341abc. FOUNDATIONS OF MODERN EDUCATION (9).

This is a research course in modern educational practices and institutions and is open only to those advanced students who have had Education 142, 143, or the equivalent. Various educational agencies will be studied through investigations, reports, and conferences. *Three hours a week, fall, winter, and spring quarters.* Professor Knight.

375. THESIS COURSE (Maximum 5).

This is a course in which there will be taken up such work as is necessary for each student in connection with the writing of his thesis for a degree. It is intended for those students whose graduate major is in education, but students whose topics for theses are closely related to education are invited to attend and to take part in the discussions. *Three hours a week.* Professors in the Department of Education.

†376. SEMINAR COURSE (3 each quarter).

A research course in a special field under the direction of a member of the department. Students may register and receive credit for one, two, or three quarters. *Three hours a week, fall, winter, and spring quarters.*

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†Not given, 1937-1938.

398-399. PROBLEMS IN SECONDARY EDUCATION (10). (Either part may be taken for credit of 5 quarter hours.)

This double course is intended for advanced students and is primarily a course in investigation. To be admitted to it, a student must have completed at least two other courses in secondary education. At the beginning of the course each student is required to select some one problem for special investigation. A thesis will be required of each student. Throughout the two quarters regular class discussions will be held on present-day problems in secondary education, and assigned readings will be required. *Five hours a week, fall and winter quarters.* Professor Douglass.

*DEPARTMENT OF ENGLISH

Professors: G. R. COFFMAN, F. H. KOCH, J. M. BOOKER, G. M. MCKIE, G. C. TAYLOR, W. F. THRALL, G. L. PAINE, A. P. HUDSON, A. C. HOWELL, DOUGALD MACMILLAN, C. P. RUSSELL.

Associate Professors: E. E. ERICSON, RAYMOND ADAMS, **R. P. BOND, W. A. OLSEN, R. B. SHARPE.

Assistant Professors: R. P. MCCLAMROCH, H. K. RUSSELL, J. O. BAILEY, W. S. WELLS.

Instructors: W. L. WILSON, G. F. HORNER, E. H. HARTSELL, W. F. MCNEIR, J. K. SVENDSEN, G. G. GRUBB, G. H. DAGGETT, L. DEL. WALLACE, A. D. B. LANGSTON.

Teaching Fellows: B. J. LUMPKIN, †B. J. WATSON, ††G. S. OHLMANN, H. F. WITTMEYER.

Assistants: MARY H. ELIASON, G. H. FOSTER, †G. S. OHLMANN, D. W. ROBERTSON, P. H. DAVIS, JOE C. HORRELL, FRANCIS HULME, E. S. MILLER, K. J. PFEIFFER, H. W. SAMS, J. B. WILSON.

NOTE: English 1-2-3 and English 21-22-23 are prerequisite to all advanced courses in the department. Juniors will not be admitted to courses for advanced undergraduates except by special permission.

1-2-3. FRESHMAN ENGLISH (9). Required of all Freshmen.

English 1 (fall) has for its object practical control of the sentence as a rhetorical unit and an understanding of the relation of sentence structure to paragraph structure. English 2 (winter) centers attention upon the paragraph and begins consideration of the technical problems of the longer theme. English 3 (spring) is devoted to study of the structure and style of the essay, and undertakes an approach toward the problems of the literature course in the sophomore year. In all three quarters the student pursues directed readings, writes frequent themes, and has personal conferences with his instructor. *Three hours a week, throughout the year.* Professors Hudson (Chairman), McKie, McClamroch, Harry Russell, Bailey, Wells; Messrs. Horner, W. L. Wilson, McNeir, Grubb, Hartsell, Langston, Svendsen, Robertson, Foster, Daggett, Lloyd, Wallace, Ohlmann, Lumpkin, Watson, Wittmeyer, Davis, Horrell, Hulme, Miller, Pfeiffer, Sams, J. B. Wilson.

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* A student choosing English as his major field should take (a) Eng. 50; (b) one of the following: Eng. 91, 93, 95, 99, 163; (c) one of the following: Eng. 70, 112, 125; (d) one of the following: Eng. 81, 82, 88, 89, 111, 121, 131, 141, 151; (e) four courses chosen as free electives from the advanced courses offered by the department (courses numbered from 41 to 199, with the exception of 51). Students who so desire may utilize all or some of these free electives to make up, in consultation with their adviser, a related group of courses representing some individual interest, such as writing, American literature, or a particular field of English literature.

Students planning to teach in the public high schools should consult the course program in English in the Teacher-Training Division, p. 103.

Students interested in reading for honors in English should consult the statement on pp. 98-99.

** Absent on leave 1937-1938.

† Fall quarter only.

†† Winter and spring quarters.

21-22-23. ENGLISH LITERATURE (9). Prerequisite, English 1-2-3. Sophomore requirement.

English 21, a course in modern literature, introduces the student to the various types of literature. English 22 and 23 present a chronological introduction to English literature through the study of representative works. *Three hours a week, throughout the year.* Professors Adams (Chairman), Coffman, Booker, McKie, Taylor, Thrall, Paine, Hudson, Howell, MacMillan, Ericson, Bond, McClamroch, Olsen, Sharpe, Harry Russell, Bailey, Wells; Messrs. Horner, McNeir, Hartsell, Wallace.

The following two courses are at once courses in literature and courses in speech. As literature courses they are based on the pedagogical principle of "impression through expression." As speech courses, they deal with voice training and aim at the cultivation of clear and effective expression. In each course original analyses of works read and the oral reading of original papers are required.

41. THE ORAL INTERPRETATION OF DRAMATIC LITERATURE (5).

Elizabethan, eighteenth-century, and modern plays are used to give variety in dramatic expression. *Five hours a week, fall quarter.* Professor McKie.

42. THE ORAL INTERPRETATION OF NON-DRAMATIC LITERATURE (5).

A wide variety of poetry from Milton to Masefield is the main material in this course, though work is required in the reading of suitable prose. *Five hours a week, spring quarter.* Professor McKie,

44. PUBLIC SPEAKING: INTRODUCTORY COURSE (5).

Emphasis on organization of material, outlines, delivery, problems of attention and persuasion. Assigned reading in contemporary public problems as a basis for speaking. *Five hours a week, every quarter.* Professor Olsen.

45. ARGUMENTATION AND PUBLIC DISCUSSION (5).

Includes analysis of questions, evidence, types of argument, fallacies, problems of persuasion, and practice in parliamentary procedure. *Five hours a week, winter quarter.* Professor Olsen.

50. SHAKESPEARE (5).

A study of Shakespeare's plays. About twenty representative comedies, tragedies, and histories will be studied. *Five hours a week, fall quarter* (Professor Koch), *spring quarter* (Professor Taylor).

Registration in English 51, 52, 53, 54, 59 is limited. Before registering for these courses, students must secure the permission of the instructors.

51. ADVANCED COMPOSITION: PRACTICAL EXPOSITION (5).

A course primarily for students in the Schools of Commerce and Pharmacy, designed to give practice in writing the forms commonly used in the business world: letters, reports, professional papers, and articles for the press. *Five hours a week, fall or spring quarter.* Professor Howell.

52. ADVANCED COMPOSITION: THE TECHNIQUE OF EXPOSITION (5).

A course in expository writing for students desiring practice in organization of material. *Five hours a week, fall quarter* (Professor Howell), *spring quarter* (Professor Phillips Russell).

53. CREATIVE WRITING (5).

Study of and practice in various forms of original and imaginative writing, including verse, the short story, and the novel. Class criticism and discussion. *Five hours a week, fall quarter.* Professor Phillips Russell.

54. CREATIVE WRITING (5).

To some extent parallel to the above course, but paying special attention to modern, experimental, and regional writing. *Five hours a week, winter quarter.* Professor Phillips Russell.

59. SCIENTIFIC WRITING (5).

Expository writing designed to meet the needs of students in the sciences. Practice in writing explanations, descriptions, simple business letters, professional papers, and reports. Conferences, reading in scientific periodicals, and reports. *Five hours a week, winter quarter.* Professor Howell.

70. CHAUCER (5).

The essential work of the course is a reading of *The Canterbury Tales* and certain other selected works of Chaucer with a view to revealing the poet as a literary artist. *Five hours a week, winter quarter.* Professor Coffman.

75. BROWNING (5).

Five hours a week, spring quarter. (1939-1940 and alternate years.) Professor Booker.

79. ENGLISH LITERATURE, 1890-1920 (5).

The aim of this course is to follow the main current of thought in the more significant literature of the three decades closing with the World War. *Five hours a week, fall quarter.* Professor Booker.

81. AMERICAN LITERATURE (5).

A survey of American literature from 1830 to 1855, with special attention to Poe, Emerson, Thoreau, Lowell, Hawthorne, and Melville. *Five hours a week, fall quarter.* Professor Adams.

82. AMERICAN LITERATURE, (5).

A survey of American literature from Whitman to the present with special emphasis upon the literature of the South. The course includes a study of the local color movement, traces the rise of realism, and surveys the social novel after 1880. *Five hours a week, winter quarter.* Professor Adams.

87. LITERARY ASPECTS OF THE BIBLE (3).

A study of the literary aspects of the Bible in English translation, with discussion of types and forms of literature, historical development of the Bible, the principal translations, and the influence of the Bible on English literature and on the language. *Three hours a week, spring quarter.* Professor Howell.

ENGLISH 88. VICTORIAN POETS (5).

Representative poems of Tennyson, Browning, Arnold, Rossetti, Morris, Swinburne, and Meredith considered as art, as expressions of their authors' personalities, and as commentaries upon life—to a large extent upon the life of the spirit in an age of religious unrest. *Five hours a week, winter quarter.* Professor Booker.

ENGLISH 89. VICTORIAN WRITERS OF PROSE (5).

Representative novels and other works in prose of Carlyle, Dickens, Thackeray, Charlotte Brontë, Ruskin, George Eliot, and Meredith considered as art, as expressions of their authors' personalities, and as commentaries upon life—to a large extent upon the social and economic life of the "Mother Age" to our own times. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Booker.

91. THE ENGLISH NOVEL (5).

A study of the English novel from Defoe to Hardy. *Five hours a week, fall quarter.* Professor MacMillan.

93. ENGLISH DRAMA (5).

A study of English drama from the beginning to 1900. *Five hours a week, spring quarter.* Professor MacMillan (1939); Professor Sharpe (1940).

95. MODERN ENGLISH LANGUAGE (5).

A study of English of the present day, standard as well as dialectal. The historical background and development of English. Comparative studies in British and American English. *Five hours a week, spring quarter.* (1939-1940 and alternate years.) Professor Ericson.

97. CONTEMPORARY LITERATURE (5).

A study of English and American prose writings since 1920. Representative works will be analyzed and related to the cultural influences of the period. *Five hours a week, winter quarter.* Professor Harry Russell.

98. CONTEMPORARY POETRY (5).

A study of selections from American and English poets whose work has achieved an individual yet essentially homogeneous expression chiefly since 1918. *Five hours a week, spring quarter.* Professor McClamroch.

99. HISTORY OF ENGLISH LITERATURE (5).

This course is designed to strengthen the student's factual framework of essential literary history and to enable him to supplement the gaps in his first hand knowledge of important and significant literary productions. It is required of seniors with majors in English whose course average in the department is lower than B, but open to all who desire to prepare for the comprehensive examination. *Five hours a week, fall quarter.* Professor Sharpe.

Permission of the instructor is required for registration in the following course.

100. DIRECTED READING (5).

Open to advanced students in any department who desire to read in the field of their literary interests. *Five hours a week, spring quarter.* Professor Coffman.

DEBATING (3).

A course in the discussion and analysis of current public questions. Occasional lectures by various members of the faculty. *Weekly meetings throughout the year.* Professor Olsen (Chairman).

Courses for Graduates and Advanced Undergraduates

Except by special permission juniors will not be admitted to these courses.

101. OLD ENGLISH GRAMMAR AND READINGS (5).

Selections for translations from Early and Late West Saxon prose and from Old English poetry. Drill in the principles of English philology. Old English in relation to the other Germanic languages. *Five hours a week, fall quarter.* Professor Ericson.

105. MEDIEVAL ROMANCE IN ENGLISH (5).

A survey of medieval romance and romance materials in English literature, with particular attention the to Arthurian tradition. *Five hours a week, winter quarter.* Professor Thrall.

111. ENGLISH LITERATURE OF THE RENAISSANCE (5).

A survey of the literature of the Elizabethan period, exclusive of the drama. *Five hours a week, fall quarter.* Professor Thrall.

112. SPENSER (5).

The works of Spenser are studied in the light of the life, times, and culture of the poet, with some consideration of the problems involved in such a study. *Five hours a week, spring quarter.* Professor Thrall.

113. ENGLISH DRAMA, 1500-1600 (5).

English Drama in the Sixteenth Century with preliminary consideration of the religious drama in Western Europe and in Medieval England. *Five hours a week, fall quarter.* Professor Coffman.

114. ENGLISH DRAMA, 1600-1642 (5).

Five hours a week, winter quarter. Professor Sharpe.

121. ENGLISH LITERATURE, 1616-1700 (5).

The non-dramatic literature of the period. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Howell.

125. MILTON (5).

The works of Milton are studied in the light of the life, times, and culture of the poet, with some consideration of the problems involved in such a study. *Five hours a week, fall quarter.* Professor Taylor.

131. ENGLISH LITERATURE, 1700-1780 (5).

The non-dramatic literature of the period. *Five hours a week, fall quarter.* Professors MacMillan, Bond.

133. RESTORATION AND EIGHTEENTH-CENTURY DRAMA (5).

A study of the drama from 1660 to 1780. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor MacMillan.

141. ENGLISH LITERATURE, 1780-1830 (5).

A survey of English literature of the romantic period with especial attention to the greater poets. *Five hours a week, winter quarter.* Professor Hudson.

148. ENGLISH DRAMA, 1780-1880 (5).

Romantic and Victorian drama studied in the light of theatrical and social conditions and with attention to Continental influences. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor MacMillan.

149. AMERICAN DRAMA, 1890-1930 (5).

A brief survey of the nineteenth century English and American drama, and a study of the development of the American drama in the twentieth century through representative plays. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Koch.

151. EARLY AMERICAN LITERATURE (5).

A survey of the literature of the colonial, revolutionary, and early national periods, including Bryant, Irving, and Cooper. *Five hours a week, fall quarter.* Professor Paine.

161. COMPARATIVE DRAMA (5).

A general survey of the drama and the theatre from Aeschylus to Ibsen. The development of dramatic literature is studied through representative plays (in translation) of the leading European dramatists. (1939-1940 and alternate years.) *Five hours a weeek, winter quarter.* Professor Koch.

162. MODERN DRAMA (5).

A study of representative plays of recent times, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Koch.

163. LITERARY CRITICISM (5).

The principles which have animated classical, romantic, and realistic literature. (Not given in 1937-1938.) *Five hours a week, winter quarter.* Professor Bond.

167, THE ENGLISH BALLAD (5).

A study of the English and Scottish popular ballads, with a survey of ballad survivals in America, particularly in North Carolina. Students in the course who may have access to ballads in oral circulation will be encouraged to collect them. *Five hours a week, fall quarter.* Professor Hudson.

Courses for Graduates

201. STUDIES IN OLD ENGLISH LITERATURE: BEOWULF (5). Prerequisite, English 101.

Five hours a week, winter quarter. Professor Ericson.

202. MIDDLE ENGLISH (5).

The main purpose of the course is to acquaint the student with the literature of the period through relation to the social, political, and religious background. A fuller study will be made of the historical and philological relations of Middle English than is made in English 208. *Five hours a week, spring quarter.* Professor Coffman.

203. MEDIEVAL DRAMA (5).

A study of the origin and development of the religious drama in Western Europe; special consideration of the craft cycles and the moralities. (This course or English 307 will be offered in accordance with the needs of eligible students.) *Five hours a week, spring quarter.* Professor Coffman.

204. HISTORY OF THE ENGLISH LANGUAGE (5). Prerequisite, English 101, 202.

An intensive and detailed study of the language according to historical methods. General Indo-European phenomena as applied to English. For students of linguistics and others wishing a thorough background for literary studies in the English classics. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Ericson.

208. CHAUCER (5).

The work of the course will consist chiefly of a reading and discussion of Chaucer's works, with attention to the critical and historical problems involved in their interpretation, and with some consideration of Chaucer's language. Previous training in Old or Middle English is not prerequisite. *Five hours a week, fall quarter.* Professor Coffman.

231-232. SHAKESPEARE (10).

The works of Shakespeare are studied with emphasis upon the historical and critical problems which they present. *Five hours a week, winter and spring quarters.* Professor Taylor.

243. VICTORIAN LITERATURE, 1832-1890 (5).

A study of one of the two main literary currents of the Victorian period—the usage of Classical, Medieval, and Renaissance sources by Tennyson, Browning, Arnold, Morris, and Swinburne. Not prerequisite to English 244. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Booker.

244. VICTORIAN LITERATURE, 1832-1890 (5).

A study of one of the two main literary currents of the Victorian period—the social and religious literature of Carlyle, Dickens, and the humanitarian novelists, Tennyson, Browning, Ruskin, Arnold, Morris, and Swinburne. Not prerequisite to English 243. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Booker.

283. AMERICAN LITERATURE, 1830-1855 (5).

This survey course follows English 151, which is not, however, prerequisite. The chief authors are Poe, Emerson, Thoreau, Longfellow, Lowell, Hawthorne, and Melville. Especial attention is given to the literature of the South. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professors Adams, Paine.

284. AMERICAN LITERATURE, 1855-1900 (5).

This survey course follows English 283, which is not, however, prerequisite. The chief authors are Lanier, Whitman, Mark Twain, Bret Harte, Howells, and James. Stress is placed upon the cultured and folk literature of the South, the influence of Whitman upon poetry, the rise of realism, literary criticism, and the dominance of magazines. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Paine.

307. SEMINAR: STUDIES IN MEDIEVAL LITERATURE (5).

Research in special problems concerning medieval drama, Chaucer, and other vernacular literature of the middle ages. (This course or English 203 will be offered in accordance with the needs of eligible students.) *Five hours a week, winter quarter.* Professor Coffman.

310. SEMINAR: STUDIES IN ELIZABETHAN LITERATURE (5).

Research in special problems in Elizabethan literature. *Five hours a week, fall quarter.* Professor Taylor.

312. SEMINAR: STUDIES IN SEVENTEENTH-CENTURY LITERATURE (5).

Research in special problems in the literature and thought of the seventeenth century. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Howell.

313. SEMINAR: STUDIES IN EIGHTEENTH-CENTURY LITERATURE (5).

Special problems in the literary and intellectual movements of the eighteenth century, *Five hours a week, spring quarter.* Professors MacMillan, Bond.

317. SEMINAR: STUDIES IN NINETEENTH-CENTURY ROMANTICISM IN ENGLAND (5).

Wordsworth and Coleridge: the English and Continental aspects of their thought and art. *Five hours a week, spring quarter.* Professor Hudson.

318. SEMINAR: STUDIES IN AMERICAN LITERATURE (5).

Five hours a week, winter quarter. Professor Paine.

320. SEMINAR: STUDIES IN VICTORIAN LITERATURE (5).

Special problems in the literature appearing between 1832 and 1890. *Five hours a week, fall quarter.* Professor Booker.

325. SEMINAR: MODERN DRAMA (5).

Special studies in English or American drama. See Dramatic Art 325. *Five hours a week, fall quarter.* Professors Sharpe, Koch, Selden (of the Department of Dramatic Art).

331. BIBLIOGRAPHY AND METHODOLOGY (5).

A course designed to aid students in preparing term papers, theses, and dissertations. The bibliographical guides for the study of English are presented, the problems of literary research are discussed, and the standard procedures and forms in writing scholarly papers are taught. Required of all candidates for the A.M. and Ph.D. degrees. *Five hours a week, winter quarter.* Professor Paine.

340. SPECIAL READINGS (5).

Research in a special field inder the direction of a member of the department. This course may not be repeated for credit.

341. SPECIAL RESEARCH (5).

Investigation in a special field under the direction of a member of the department.

Attention is called to the courses in philology and advanced literary study offered in the Department of Classics (Latin 202, Latin Epigraphy; Latin 203, Latin Paleography), General and Comparative Literature, Germanic Languages, (Introduction to Comparative Philology; Gothic; etc.), and Romance Languages (French 221-222-223, Old French; French 225, Provencal; Celtic 105, Middle Irish; Spanish 221-222, Old Spanish; Italian 131-132, Dante; etc.).

*DEPARTMENT OF GENERAL AND COMPARATIVE LITERATURE

Professors: HUSE (Acting Chairman), KOCH, BERNARD, HARRER, DEY, HOLMES, THRALL, TAYLOR, COFFMAN, ADAMS, LYONS, HOWELL, JENTE.
Associate Professors: SANDERS, BOGGS, STOUDEMIRE, BOND, WILEY.
Assistant Professors: FRIEDERICH, LINKER.

Courses for Undergraduates

50. A SURVEY OF WORLD LITERATURE: GREEK AND ROMAN LITERATURE (5).

A course on the great authors of Greece and Rome. Emphasis is on understanding the classics as literature and as a reflection of the civilization, culture, and viewpoints of antiquity. *Five hours a week, winter quarter.* Professors Bernard, Harrer.

51. A SURVEY OF WORLD LITERATURE: THE MODERN PERIOD (5).

This is a continuation of the preceding course. It will survey briefly the principal contributions to world literature from Italy, Spain, France, Germany, Russia, and the Scandinavian countries. *Five hours a week, spring quarter.* Professor Dey.

61. GREEK LITERATURE (5).

A study of the masterpieces of Greek literature in English translation, with special reference to the contribution of Greece to modern thought. *Five hours a week, fall quarter.* Professor Bernard.

62. LATIN LITERATURE (5).

A study of the masterpieces of Latin literature in English translation, with special reference to the contribution of Roman civilization to modern thought. *Five hours a week, winter quarter.* Professor Sanders.

65. ORIENTAL LITERATURE (5).

The epics, dramas, etc., of the Hindus, Chinese, and other peoples are studied for their revelation of the Oriental outlook on life, and for their contribution to Occidental literature and thought. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

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* The purposes of courses in this department are: to offer students who cannot study certain of the classical and modern languages an opportunity to become familiar with the most important works translated from them; to furnish a view of the culture and values of the past and of various nations; to present a survey of the most important figures in world literature, including English; and to provide, in the case of certain courses, a more strictly comparative study of literary forms and movements.

An undergraduate major in the department consists normally of six to eight of the following courses (at least two of which must be from the classics): Homer; Vergil; the Greek Drama; Cervantes; Shakespeare; Milton; French Classicism; Lessing and Schiller; Goethe; and Dante. In case of special needs other courses in the department may be substituted.

68. SHAKESPEARE (5). (Same as English 50.)

A study of Shakespeare's plays. About twenty representative comedies, tragedies, and histories will be studied. *Five hours a week, fall quarter.* (Professor Koch), *spring quarter* (Professor Taylor).

70. CHAUCER (5).

The essential work of the course is a reading of *The Canterbury Tales* and certain other selected works of Chaucer with a view to revealing the poet as a literary artist. *Five hours a week, winter quarter.* Professor Coffman.

87. LITERARY ASPECTS OF THE BIBLE (3).

A study of the literary aspects of the Bible in English translations, with discussion of types and forms of literature, historical development of the Bible, the principal translations, and the influence of the Bible on English literature and on the language. *Three hours a week, spring quarter.* Professor Howell.

Courses for Graduates and Advanced Undergraduates

103. HOMER, THE ILIAD AND ODYSSEY (5).

The epic as a literary form; origins, Mycenaean civilization, literary characteristics, comparison of the chief English translations. *Five hours a week, winter quarter.* Professor Bernard.

107. GREEK DRAMATIC LITERATURE (5).

A course designed to embrace the origin, development, technique, and content of Greek drama, with emphasis on tragedy. An interpretation of Greek life and thought as contributing to world progress. *Five hours a week, spring quarter.* Professor Bernard.

111. VERGIL, THE AENEID (5).

The history of the Latin epic; a detailed study of the Aeneid. *Five hours a week, spring quarter.* Professor Harrer.

117. CERVANTES (5).

Consideration of the Romances of Chivalry in Spain; study of Cervantes' *Don Quixote* and the *Exemplary Novels* in English translation. *Five hours a week, spring quarter.* Professor Stoudemire.

125. MILTON (5).

The works of Milton are studied in the light of the life, times, and culture of the poet, with some consideration of the problems involved in such a study. *Five hours a week, fall quarter.* Professor Taylor.

135. FRENCH CLASSICISM (5).

A general survey of the origins of classicism in France. Assigned readings in the Greek and Latin writers with emphasis on the modification of their art which explains the masterpieces of the French 17th century. A large part of the course wil. be given over to the plays of Corneille, Molière, Racine, and their contemporaries. The decline of classicism in France, and the evolution toward an unrestricted type of literature. *Five hours a week, spring quarter.* Professor Wiley.

137. A BRIEF SURVEY OF GERMAN LITERATURE (5).

The main trends in the development of German literature from its beginnings to the present time. Lectures and extensive outside readings in English. This course is especially designed for seniors and graduate students, and cannot be taken for credit by students whose major is in German. *Five hours a week, fall quarter.* Professor Friederich.

155. GOETHE (5).

A study of the man, thinker, and poet in connection with the German and general European movements of thought and literature in his time. Lectures and reports. *Five hours a week, spring quarter.* Professor Jente.

156. DANTE (5).

A study of translations of the *Vita Nuova* and the *Divine Comedy;* the precursors of Dante and the poets of the *dolce stil nuovo.* Special studies of Dante's political and social philosophy, with particular emphasis on Dante as a poet and as a guide. *Five hours a week, winter quarter.* Professor Huse.

161. COMPARATIVE DRAMA (5).

A general survey of the drama and the theatre from Aeschylus to Ibsen. Special attention is given to the function of the drama in representative plays of the leading European dramatists. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Koch.

162. MODERN DRAMA (5).

A study of representative plays of recent times, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Koch.

163. LITERARY CRITICISM (5).

The principles which have animated classical, romantic, and realistic literature. (Not given in 1937-1938.) *Five hours a week, winter quarter.* Professor Bond.

170. THE MIDDLE AGES (5).

A survey of Medieval France, England, Germany, Spain, Italy, and Byzantium, from the point of view of civilization and especially of art and literature. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

173. MEDIEVAL ROMANCE (5). (Same as English 105.)

A survey of Medieval romance and romance materials in English literature, with particular attention to the Arthurian tradition. *Five hours a week, winter quarter.* Professor Thrall.

175. THE RENAISSANCE (5).

An account of the establishment of modern European culture. Lectures on the history, science, fine arts, literary scholarship, and literature of the Renaissance in Italy, France, Germany, the Netherlands, and England. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professors Holmes (Chairman), Adams, Lyons, Friederich, Linker.

177. LITERARY INFLUENCES IN FRANCE, GERMANY, AND ENGLAND IN THE EIGHTEENTH CENTURY (5).

The *Querelle des Anciens et des Modernes;* French classicism (Voltaire) in its defense against growing English Pre-romanticism and German Sturm und Drang. The influence of Shakespeare and Milton on the continent, of Rousseau, Goethe, and Schiller in France and England. *Five hours a week, winter quarter.* Professor Friederich.

185. INTRODUCTION TO FOLKLORE (5).

Origin, evolution, and bibliography of types. Literary significance, as seen in the development of prose fiction. Collections, such as the *Panchatantra*, *Seven Sages*, *Arabian Nights*, etc., and the continuation of these tales through medieval and modern literature. *Five hours a week, fall quarter.* Professor Boggs.

*DEPARTMENT OF GEOLOGY AND GEOGRAPHY

Professor: W. F. PROUTY.

Associate Professors: **G. R. MACCARTHY, L. D. BURLING.

Assistant Professors: S. T. EMORY, J. W. HUDDLE, F. C. ERICKSON, W. H. IRWIN.

Instructors: H. W. STRALEY, R. A. EDWARDS.

Teaching Fellow: W. R. JOHNSON, JR.

Assistants: W. M. LAIRD, W. A. WHITE.

GEOLOGY

Courses for Undergraduates

3. (Natural Science 3). ELEMENTS OF GEOLOGY (4). Freshman elective. See Departments of Botany and Zoölogy for Natural Science 1 and 2.

A brief survey of the field of geology. The course emphasizes the geologic basis of North American scenery and the geologic factors in modern civilization. A field trip is required. *Three lecture and two laboratory hours a week, winter or spring quarter. Laboratory and field trip fee, $2.00.* Professor Huddle; Assistant.

13C. INTRODUCTION TO ECONOMIC GEOLOGY. Prerequisite, Geology 11 and 12 (which may be taken concurrently).

An introductory course, primarily for commerce students, including a brief survey of the origin, mode of occurrence, distribution, reserves, and conservation of coal, petroleum, and the most important metallic and non-metallic minerals. *Three lectures and two hours of laboratory a week, spring quarter. Laboratory fee, $2.50.* Mr. Straley; Assistant.

21-22-23 (11-12-13). INTRODUCTION TO GEOLOGY (12).

An introductory course in physical and historical geology. The structure, composition, surface expression, and history of the earth and its inhabitants are studied. Lecture, laboratory, and required field work. *Three lecture and two laboratory hours a week, throughout the year. Laboratory fee, $2.00 a quarter.* Professors Prouty, MacCarthy, Burling, Huddle, Irwin; Assistants.

41-42. INTRODUCTION TO GEOLOGY (12).

These courses are equivalent to Geology 21-22-23, but given as a double course in two quarters. *Four lecture and four laboratory hours a week, winter and spring quarters. Laboratory fee, $3.00 a quarter.* Professors Prouty, MacCarthy, Burling, Huddle, Irwin; Assistants.

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* For A.B. with major in Geology there are required beyond General Geology: Geology 101, 102, 103 and 104, 105, 106 or 107, 108, 109. Two introductory courses each in chemistry and physics are required, but may be taken in the General College. Four additional courses are to be chosen from allied departments, and six courses outside the Division of Natural Sciences.

For S.B. in Geology, there are required: Freshman Year—Geology 21-22-23, English 1-2-3, Math. 1-2-3, Foreign Language 1-2-3 (or 11-12-13), Hygiene 1-2-3. Sophomore Year—Geography 31-32-33, English 21-22-23, Chemistry 1-2-3, Math. 41, 51, 52, Social Science 1-2-3. Further requirements are: Geology 101, 102, 103, 104, 105, 106, 107, 108, 109; Physics 21-22-23, Foreign Language or English 59 and 44, Zoology 41 or Botany 41 (In special cases, an advanced science course other than geology may be substituted) and the summer Field Course in Geology 128-129. A total of 194 quarter hours are required for graduation.

For A.B. with major in Geography see footnote on page 174.

** Absent on leave, 1937-1938.

Courses for Graduates and Advanced Undergraduates

101 (43). MINERALOGY (5). Prerequisite, Chemistry 1-2-3 or 4-5.

Elementary crystallography; physical and chemical properties and the classification of minerals; laboratory practice in the identification of important minerals. *Three lecture and six laboratory hours a week, fall quarter. Laboratory ee, $5.00.* Professor Irwin.

102 (133). LITHOLOGY AND THE ELEMENTS OF PETROLOGY (5). Prerequisite, Geology 21-22-23 or 41-42, and 101.

An introductory study of the origin, classification, and distribution of rocks with special emphasis on the hand specimen identification of common igneous, sedimentary, and metamorphic rock types. *Three lecture and four laboratory hours a week, winter quarter. Laboratory fee, $3.50.* Professor Irwin.

103 (121). FIELD GEOLOGY (5). Prerequisite, Geology 101, 102, Mathematics 41, 51, 52.

A course in geologic field methods with special emphasis on geologic surveying, mapping, note taking, and field practice. *Three lecture and four laboratory hours a week, spring quarter. Laboratory fee, $3.50.* Professor Prouty.

104, 105, 106 (77, 78, 47). ADVANCED GENERAL GEOLOGY (5 each). Prerequisite, Geology 103, Physics 21-22-23 or 24-25.

A professional course in general geology. The first quarter deals with the physical processes of dynamic geology; the second quarter deals with historical geology from the stratigraphic standpoint; and the third quarter with historical geology from the paleontologic viewpoint. *Three lecture and four laboratory hours a quarter. Laboratory fee, $3.50.* Professors MacCarthy, Burling, Huddle; Mr. Straley.

107 (122). STRUCTURAL GEOLOGY (5). Prerequisite, Geology 103, Physics 21-22-23 or 24-25.

A general course in geologic structure and its relation to exploratory geology. *Three lecture and four laboratory hours a quarter, fall quarter. Laboratory fee, $3.50.* Professor Prouty.

108 (111). ECONOMIC GEOLOGY (5). Prerequisite, Geology 107.

Principles of ore formation, including both metallic and non-metallic minerals. *Three lecture and four laboratory hours a week, winter quarter. Laboratory fee, $3.50.* Professor Prouty.

109 (105). ELEMENTS OF GEOPHYSICS (5). Prerequisite, Geology 107, Mathematics 3.

The fundamental principles of geophysics and their application to practical problems. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Professors MacCarthy, Burling; and Mr. Straley.

121 (156). GEOMORPHOLOGY (5). Prerequisite, Geology 21-22-23 or 41-42.

Lectures, field work, and laboratory work, dealing in detail with physiographic processes and their results; geomorphology. An extended field study is required in this course. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $2.00.* Professor MacCarthy.

128-129 (48-49). SUMMER FIELD COURSE IN GEOLOGY (10). Prerequisite, Geology 101, 102, 103.

A six weeks' course to be given in North Carolina and bordering states. This course will coincide with the scheduled six weeks' summer-school course. It may also be taken on the transcontinental tour. *Equivalent to five hours a week for two quarters.* Professors Prouty, Huddle.

144-145 (134, 135). PETROGRAPHY (10). Prerequisite, Geology 101,102.

Introduction to optical mineralogy and the use of the polarizing microscope in the identification of minerals in thin section and crushed fragments; microscopic study of rocks. *Three lecture and four laboratory hours a week, fall and winter quarters. Laboratory fee, $3.50 a quarter.* Professor Irwin.

147 (44). DETERMINATIVE MINERALOGY (5). Prerequisite, Geology 101.

The determination of metallic and non-metallic minerals, chiefly by blowpipe analysis. *Two lecture and six laboratory hours a week, winter quarter. Laboratory fee, $5.00.* Professor Irwin.

161 (45). METEOROLOGY (5).

A study of the atmosphere and the factors controlling the weather; the making and interpretation of weather maps; weather forecasting. *Three lecture and four laboratory hours a week, winter quarter. Laboratory fee, $2.50.* Professors MacCarthy, Burling.

168-169 (106, 107). FIELD WORK IN GEOPHYSICS (10).

Practical application of the magnetometer and of electrical methods to field problems. *Four lecture and two laboratory hours a week, winter and spring quarters. Laboratory ee, $5.00 a quarter.* Professors MacCarthy, Burling; Mr. Straley.

Courses for Graduates

221, 222, 223 (141-142-143). ADVANCED STRUCTURAL GEOLOGY (5 each). Prerequisite, Geology 104, 105, 106, 107.

A general study of the more important earth structures and a detailed structural study of a number of well-known areas in this and other countries. *Four lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $2.50 each quarter.* (1938-1939 and alternate years.) Professor Prouty.

224, 225, 226 (112, 113, 114). ADVANCED ECONOMIC GEOLOGY (5 each). Old Nos. 112, 113, 114.

A study of the more important metallic and non-metallic mineral deposits of the world with greater emphasis on those of North America. *Four lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $2.50 each quarter.* (1939-1940 and alternate years.) Professor Prouty.

227. OIL GEOLOGY (104, 105, 107). (5). Prerequisite, Geology 104, 105, 107.

A study of the origin, distribution, and accumulation of petroleum, with special relation to the oil fields of North America; methods of prospecting oil, recovery of oil, the valuation of oil properties. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $3.50.* Professors Prouty, Huddle.

228-229. ADVANCED FIELD GEOLOGY (10). Prerequisite, Geology 128-129.

Special field problems are worked out under the guidance of the instructor. *Equivalent to five hours a week for two quarters.* Professors Prouty, MacCarthy, Huddle, Irwin.

241, 242, 243. ADVANCED MINERALOGY (5 each). Prerequisite, Geology 144, 145, except by permission.

Fall quarter: a study of the geometrical form and classification of natural and artificial crystals; crystal drawing; modern developments in the x-ray study of crystalline substances. Winter and spring quarters: a study of an assigned crystallized substance, either natural or artificial, with the view of (1) determining and correlating its optical, crystallographic, and chemical properties or (2) developing and perfecting mineralogical technique. *Three lecture and four laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.50 each quarter.* Professor Irwin.

244, 245, 246. ADVANCED PETROLOGY (5 each). Prerequisite, Geology 144-145.

A study of the microscopic structure, mineral composition, and genetic relations of the igneous, sedimentary, and metamorphic rocks; criteria by which rock types and processes are recognized. *Two lecture and six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.50 each quarter.* Professor Irwin.

261, 262, 263. APPLIED GEOPHYSICS (5 each). Prerequisite, Geology 109; Mathematics through Calculus.

A survey of geophysical methods used for the detection of ore deposits, oil, etc.; a description of geophysical instruments and their use; actual geophysical surveys of selected areas near Chapel Hill. *Three lecture and four laboratory hours a week, fall, winter, and spring quarters.* Professors MacCarthy, Burling; Mr. Straley; Assistant.

264. THE PHYSICS OF THE EARTH: GEODYNAMICS (5). Prerequisite, Geology 104, 105, 106; Physics 21-22-23 or 24-25.

A study of such fundamental problems as the origin of the earth, tides, orogeny, magmatic cycles, continental drift, isostasy, the state of the earth's interior, geochronology. *Five hours a week, fall quarter.* Professors MacCarthy, Burling.

281, 282, 283. STRATIGRAPHY OF NORTH AMERICA (5 each). Prerequisite, Geology 104, 105, 106.

The first quarter deals with principles of stratigraphy and pre-Cambrian statigraphy; this is followed by Paleozoic, Mesozoic, and Cenozoic stratigraphy in the second and third quarters. *Five hours a week, fall, winter, and spring quarters.* (1938-1939 and alternate years.) Professor Huddle.

284. PRINCIPLES OF PALEONTOLOGY (5). Prerequisite, Zoölogy 41 or Botany 41, Geology 106.

A graduate course in evolution and taxonomic procedure. *Four lecture and two laboratory hours a week. Laboratory fee, $3.50.* Professor Huddle.

285, 286 (172, 173). ADVANCED PALEONTOLOGY (5 each). Prerequisite, Geology 284.

Intensive work on a particular phyllum or class. Professor Huddle.

287 (174). FORAMINIFERA (5). Prerequisite, Geology 106.

A study of the classification and use of foraminifera. *Two lecture and six laboratory hours a week. One quarter on application.* Professor Huddle.

288, 289 (175-176). MICROPALEONTOLOGY (5 each). Prerequisite, Geology 287.

Advanced work in micropaleontology. *Equivalent to five hours a week each quarter. On application.* Professor Huddle.

RESEARCH COURSES

These courses are intended for applicants for advanced degrees. Laboratory work and conferences with the Professor in charge of the work. Work in each of these courses may be continued under the same number with sub-letter designations.

321. RESEARCH IN STRUCTURAL GEOLOGY (5 or more) Professor Prouty.

329. RESEARCH IN ECONOMIC GEOLOGY (5 or more) Professor Prouty.

341. RESEARCH IN MINERALOGY (5 or more) Professor Irwin.

349. RESEARCH IN PETROLOGY (5 or more) Professor Irwin.

361. RESEARCH IN GEOPHYSICS (5 or more) Professor MacCarthy.

381. RESEARCH IN STRATIGRAPHY (5 or more) Professor Huddle.

389. RESEARCH IN PALEONTOLOGY (5 or more) Professor Huddle.

*GEOGRAPHY

Courses for Undergraduates

3c. (Natural Science 3c). GEOGRAPHY FOR COMMERCE STUDENTS (4). Freshman requirement for those expecting to go into the School of Commerce.

Elements of geography with emphasis on: place location, the basic principles accounting for climates and man's activities peculiar to the important climatic regions, a brief survey of earth materials for an understanding of the location and occurrence of important natural resources, a summary indicating the influence of these elements on present economic life. *Three lecture and two laboratory hours a week, each quarter. Laboratory fee, $2.00.* Professors Emory, Erickson.

31-32-33 (15, 51, 52). INTRODUCTION TO GEOGRAPHY (12).

An introductory course primarily for freshmen and sophomores. The first quarter ideals with the principles of geography; the second quarter, with the geographical distribution of agricultural products; and the third quarter, with the distribution of minerals, metals, and manufacturing. *Three lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $2.00.* Professors Emory, Erickson.

74 (14). GEOGRAPHY FOR TEACHERS (3).

A course designed to acquaint teachers with the fundamentals of geography. The most important factors of the physical environment are studied in their relationship to human activities. *Three hours a week, winter quarter.* Professors Emory, Erickson.

Courses for Graduates and Advanced Undergraduates

117. SOILS (5). Prerequisite, Geology 21-22-23, Geography 31-32-33, Geology 101.

A general study of the origin of soil material, the factors affecting soil formation and the nature, classification and distribution of soils. Field trips will be conducted to study the distribution and types of soil in North Carolina. *Five hours a week, winter quarter. Laboratory fee, $2.50.* Prfoessor Erickson.

118. SOIL EROSION AND LAND UTILIZATION MAPPING (5). Prerequisite, Geology 117.

The first half of this course is designed to deal with the factors of soil erosion and some methods of soil control. This will be followed by methods of land utilization mapping with the purpose of relating land use to the types of soil. *Five hours a week, spring quarter. Laboratory fee, $2.50.* Professor Erickson.

153 (53). POLITICAL GEOGRAPHY (5). Prerequisite, Geography 31-32-33.

The course deals with geographic factors, affecting international relations. *Equivalent of five hours a week, spring quarter. Laboratory fee, $2.50.* Professors Emory, Erickson.

154 (60). GEOGRAPHICAL INFLUENCES IN AMERICAN HISTORY (5). Prerequisite, Geography 31-32-33.

A chronological study of the influence of geographical factors on the development of North America, with particular emphasis on the United States. *Five hours a week, spring quarter.* Professor Emory.

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* For A.B., with major in Geography, there are required, in addition to Geography 31-32-33, and Geology 21-22-23 or 41-42, six courses in Geography and Geology and six courses in allied studies, selected with the approval of the Head of the Department of Geology and Geography. Six courses must be taken outside of the Divsion of Natural Sciences.

155. CLIMATOLOGY (5). Prerequisite, Geography 31-32-33.

A course dealing with the essential facts of weather and climate, the climatic regions of the earth, world distribution of temperatures, winds, and precipitation. Various classifications of climates will be presented with the purpose of giving a better understanding of the climatic factor in man's environment. *Five hours a week, fall quarter.* (1938-1939 and alternate years.) Professor Erickson.

156. CONSERVATION OF NATURAL RESOURCES (5). Prerequisite, Geography 31-32-33 or Geology 21-22-23.

A general study of natural resources, including soils, forests, water supply, minerals, and metals; waste of natural resources, and methods of resource conservation; and problems involved in the establishment of policies of conservation. *Five hours a week, fall quarter.* (1939-1940 and alternate years.) Professor Erickson.

157 (57). GEOGRAPHY OF NORTH AMERICA (5). Prerequisite, Geography 31-32-33.

This course deals with the physical features, soils, minerals, climatic resources, and trapsportation facilities of North America. *Five hours a week, reading and reports, winter quarter.* Professors Emory, Erickson.

158 (58). GEOGRAPHY OF EUROPE (5). Prerequisite, Geography 31-32-33.

A study of the physical, economic, political, and social conditions of Europe. *Five hours a week, spring quarter.* (1938-1939 and alternate years.) Professor Erickson.

159 (59). GEOGRAPHY OF SOUTH AMERICA (5). Prerequisite, Geography 31-32-33.

A study of the physical, economic, and social conditions of South America showing the present and future possibilities of the various regions and countries. *Five hours a week, spring quarter.* (1939-1940 and alternate years.) Professor Erickson.

178, 179. FIELD COURSE IN GEOGRAPHY. Prerequisite, Geography 31-32-33, Geology 21-22-23 or 41-42.

For information on this work the interested student should consult the Department.

Courses for Graduates

211 (141). SPECIAL WORK IN GEOGRAPHY (5 or more). Prerequisite, Geography 31-32-33 and two courses in the one hundred bracket.

Special problems in geography, adapted to the needs of individual students. *Five hours a week, fall, winter, and spring quarters.* Professors Erickson and Emory.

311. RESEARCH IN GEOGRAPHY (5 or more).

Professors Emory and Erickson.

*DEPARTMENT OF GERMANIC LANGUAGES

Professors: Richard Jente, K. J. Brown.
Associate Professor: G. S. Lane.
Assistant Professors: W. P. Friederich, F. E. Coenen.
Teaching Fellow: J. E. Craps.
Assistants: J. F. Cook, N. M. Korff, B. Moss, L. S. Thompson

Courses for Undergraduates

1-2-3. ELEMENTARY AND INTERMEDIATE GERMAN (9).

A course running through three quarters, designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate German (11-12-13). The completion of this work gives credit for Intermediate German. *Six hours a week, through the year.* Professor Friederich; Messrs. Cook, Craps, Moss, Thompson.

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* Students are requested to consult with the departmental adviser in regard to the requirement for a major in German.

11-12-13. INTERMEDIATE GERMAN (9).

A course running through three quarters, designed for those who show evidence of adequate preparation. Freshman and sophomore elective. *Three hours a week, through the year.* Professors Jente, Coenen.

14-15-16. BEGINNING GERMAN FOR ADVANCED STUDENTS (9).

A course for beginners open only to those who desire an introduction to a second foreign language and who give evidence of being especially well qualified for such study. Sophomore elective. *Three hours a week, through the year.* Professor Lane.

21-22-23. INTRODUCTION TO GERMAN LITERATURE (9). Prerequisite German 1-2-3 or 11-12-13 or the equivalent.

Survey of German literature from the Classical period to modern times with selected readings from representative authors. Sophomore elective. *Three hours a week, through the year.* Professors Jente, Brown, Friederich, Coenen.

24-25-26. SCIENTIFIC GERMAN (9). Prerequisite 1-2-3 or 11-12-13 or equivalent.

Open only to students with majors in a science. *Three hours a week, through the year.* Professor Coenen.

71. ADVANCED GRAMMAR AND SYNTAX. (5). Prerequisite, German 23 or equivalent.

A course open to juniors and seniors who wish to improve their knowledge of German grammar and idiom. Intensive review of grammar in connection with written composition. *Five hours a week, spring quarter.* Professor Coenen.

Courses for Graduates and Advanced Undergraduates

101-102-103 (51). WRITING AND SPEAKING GERMAN; PHONETICS (9). Prerequisite German 23, or by special permission. *Three hours a week through the year.* Professor Coenen.

109. GERMAN PROSE IN THE NINETEENTH CENTURY (5). Prerequisite, German 23.

Five hours a week, winter quarter. Professor Coenen.

111. GERMAN DRAMA IN THE NINETEENTH CENTURY (5). Prerequisite, German 23.

Kleist, Grillparzer, Hebbel, Ludwig, Hauptmann. Readings, lectures, reports. *Five hours a week, spring quarter.* Professor Brown.

115. THE GERMAN LYRIC FROM GOETHE TO THE PRESENT (5). Prerequisite, German 23.

Five hours a week, fall quarter. Professor Jente.

121-122 (101-102). GOETHE (10). Prerequisite, German 23.

Study of his life. Reading and interpretation of representative works. Lectures and reports. *Five hours a week, fall and winter quarters.* Professor Brown.

123. FAUST (5). Prerequisite, German 23.

Goethe: *Faust*, Parts I and II. *Five hours a week, spring quarter.* Professor Brown.

131. LESSING AND HIS TIME (5). Prerequisite, German 23.

New trends in German literature from 1700 to 1780. French and English influences. Wieland, Klopstock, Herder. Lectures, translation, and reports. *Five hours a week, fall quarter.* Professor Friederich.

141 (132). SCHILLER (5). Prerequisite, German 23.

Study of Schiller's life and works with emphasis on his historical dramas. Lectures, translation, and reports. *Five hours a week, spring quarter.* Professor Jente.

151. CONTEMPORARY GERMAN LITERATURE (1885-1930) (5). Prerequisite, German 23.

A study of German literature from Naturalism to recent times. Lectures, readings, and reports. *Five hours a week, winter quarter.* Professor Jente.

155. GOETHE IN ENGLISH TRANSLATION. (For description see General and Comparative Literature 155.)

Five hours a week, spring quarter. Professor Jente.

161. HISTORY OF THE GERMAN LANGUAGE (5). Prerequisite, a good reading knowledge of German.

Five hours a week, fall quarter. Professor Lane.

171 (61). GERMAN CIVILIZATION (5). Prerequisite, German 101-102-103.

Lectures on German geography, history, institutions, art, music, and customs. All lectures, discussions, and reports are in German. *Five hours a week, winter quarter.* Professor Friederich.

Courses for Graduates

221-222-223 (201). GOTHIC WITH OUTLINES OF COMPARATIVE GERMANIC GRAMMAR (9).

Three hours a week, through the year. (1939-1940 and alternate years.) Professor Lane.

225-226-227 (203, 207). OLD AND MIDDLE HIGH GERMAN GRAMMAR 9).

Three hours a week, through the year. (1939-1940 and alternate years.) Professor Lane.

232 (225). OLD SAXON (5).

Five hours a week, winter quarter. Professor Lane.

233. OLD NORSE (5).

Five hours a week, spring quarter. Professor Lane.

235-236-237 (208). MIDDLE HIGH GERMAN (9).

Rapid reading of Middle High German lyrics and epics. *Three hours a week, through the year.* Professor Jente.

240. READING COURSE (9).

Designed to give graduate students the background of a survey of German literature. Extensive outside reading. Reports and short connecting lectures. *One hour a week, through the year.* Professor Friederich.

241 (211). THE ROMANTIC SCHOOL IN GERMANY (5).

Five hours a week, spring quarter. Professor Brown.

252 (112). LATE MEDIEVAL RENAISSANCE AND BAROQUE LITERATURE IN GERMANY (9).

German literature and its cultural background from 1400 to 1700. Extensive outside reading and reports. *Three hours a week, through the year.* (1938-1939 and alternate years.) Professor Friederich.

341-342-343. SEMINAR IN LITERATURE (9).

Three hours a week through the year. Professors Brown, Jente.

361-362-363. SEMINAR IN LINGUISTICS (9).

The subject matter will be determined by the needs of the students. *Three hours a week through the year.* Professor Lane.

395. RESEARCH (5).

Research in a special field under the direction of a member of the department.

*DEPARTMENT OF HISTORY

Professors: A. R. Newsome, H. M. Wagstaff, W. W. Pierson, M. B. Garrett, W. E. Caldwell, L. C. MacKinney, H. T. Lefler, F. M. Green, H. K. Beale.
Assistant Professors: J. C. Russell, Cecil Johnson, C. H. Pegg.
Instructors: J. C. Sitterson, J. L. Godfrey.
Teaching Fellows: J. C. Ward, Jr., E. A. Hammond.

Courses for Undergraduates

1-2-3. SOCIAL SCIENCE (9). Freshman requirement.

A survey of the chief factors in Western Civilization, designed to throw light on the institutions, ideas, and problems of the present. Prerequisites to all other history courses. *Fee for materials, $1.00 each quarter. Three hours a week, throughout the year.* Professors Johnson, Pegg, Russell; Messrs. Sitterson, Godfrey; Professors Wager (Rural Social Economics), Buchanan (Economics); Messrs. Anson (Economics), Dugan (Political Science), Evans (Sociology).

20. AMERICAN BIOGRAPHY (5). Freshman or sophomore elective. *Five hours a week, spring quarter.* Professor.............................

21-22-23. AMERICAN HISTORY: GENERAL COURSE (9). Sophomore elective. A survey course of American history from early colonial times to the present. *Three hours a week throughout the year.* Professors Green, Beale.

41-42. ANCIENT AND MEDIEVAL HISTORY: GENERAL COURSE (10). Sophomore elective. The history of civilization from its beginnings to 1500 A.D. The first half is devoted to the Orient, Greece, and Rome to the time of Constantine; the second half, to Western Europe from the time of Rome's decline to the age of the Renaissance and Reformation. *Five hours a week, winter and spring quarters.* Professors Caldwell, MacKinney.

44-45-46. ENGLISH HISTORY: GENERAL COURSE (9). Sophomore elective. A survey course in British history from early times to the present. *Three hours a week, throughout the year.* Professor Wagstaff.

51. THE ORIENT AND EARLY GREECE (5).

The history of the Bronze Age in the Mediterranean, and of civilization in Egypt, Babylonia, Syria and Palestine, and Crete to the time of the Persian Empire. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Caldwell.

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* A student choosing history as his department of major interest must elect either American history or European history as his field of specialization and complete a minimum of six approved courses of advanced level in the field of his choice. The requirement for the major in American history shall be eight approved courses of advanced level, if the student has not completed History 21-22-23 or History 71-72 with a minimum grade of B; and a like number (eight) for a major in European history if the student has not completed History 41-42 or History 44-45-46 with a minimum grade of B. The student must take at least four of his six or five of his eight courses from this field of specialization; he may elect the remaining courses of his major from the other field. All history courses numbered above 50, except History 71-72, and 86, may be credited toward the major.

Those students who plan to teach in public high schools should read the footnote on page 152.

Students wishing to read for Honors in History should consult the regulations governing the honors program in the Division of Humanities on pages 98-99 and also confer with the head of the department.

52. GREECE: THE CLASSICAL PERIOD (5).

A history of the classical period of ancient Greece with particular attention to the growth of democracy, and to social, economic, artistic, literary, and religious developments. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

53. HELLENISTIC GREECE AND THE ROMAN REPUBLIC (5).

A survey of the Greek world in the post-Alexandrian epoch and the history of Rome to the death of Caesar. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Caldwell.

54. THE ROMAN EMPIRE (5).

The history of Rome from Augustus to Constantine—organization and administration; social, economic, and religious developments; the decline of ancient culture; and the rise of Christianity. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

64. EARLY MEDIEVAL EUROPE: THE "DARK" AGES, 300-1000 (5).

The evolution of medieval civilization; declining Rome, victorious Christianity, and migrating Germanic peoples; the rise and disintegration of the empire of Charles the Great. Government, religion, and culture during the "Dark" Ages. *Five hours a week, fall quarter.* Professor MacKinney.

65. EUROPE IN THE CRUSADING AGE, 1000-1300 (5).

The expansion of Europe in the Crusades; the struggle between Church and State; the rise of national monarchies and culture. *Five hours a week, winter quarter.* Professor MacKinney.

66. THE AGE OF THE RENAISSANCE, 1250-1550 (5).

The evolution of modern civilization in Italy and the transalpine countries; the blending of medieval and classical elements; the political and economic background; the rise of vernacular literatures; the arts; literature; humanism; education; discovery and invention. *Five hours a week, spring quarter.* Professor MacKinney.

71-72. AMERICAN HISTORY: GENERAL COURSE (10). Not credited towards a major.

A general survey of the history of the United States. Junior-senior elective. Both 21-22-23 and 71-72 may not be taken for credit by a student. *Five hours a week, winter and spring quarters.* Professor Lefler.

86. JEWISH HISTORY (3). (Same as Biblical History and Literature 86). Not credited towards a major.

The history of the Jews from the Exile to the Roman Conquest, with particular attention to the development of Rabbinic Judaism and the background of early Christianity. *Three hours a week, winter quarter.* Professor Caldwell.

91. HISPANIC-AMERICAN COUNTRIES DURING THE NATIONAL PERIOD (5).

A general course concerned with the political, social, economic, and cultural history of these countries from independence to the present time. *Five hours a week, spring quarter.* Professor Pierson.

Courses for Graduates and Advanced Undergraduates

101. PERIOD STUDIES IN GREEK HISTORY (5).

An intensive study of the sources, literature, and historical problems of a selected period of Greek history. In 1938, attention was directed to the history of the Greek World during the Fourth Century B. C. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

102. PERIOD STUDIES IN ROMAN HISTORY (5).

A course in a selected period of Roman history. The period to be treated in 1939 will be the Age of the Antonines. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

121. MEDIEVAL CIVILIZATION (5).

An intensive study of the classical cultural heritage and of the evolution of culture during the Middle Ages. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor MacKinney.

122. SOCIAL-ECONOMIC HISTORY OF THE MIDDLE AGES (5).

An intensive study of the social and economic life of the Middle Ages. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor MacKinney.

123. SPANISH CIVILIZATION (5).

The background and rise of medieval Spanish civilization; its climax in the age of Ferdinand, Isabella, Charles I, and Philip II; modern Spanish nationalism and radicalism. *Five hours a week, winter quarter.* Professor MacKinney.

131. THE PROTESTANT REVOLT (5).

Europe in the Sixteenth Century. *Five hours a week, fall quarter.* Professor Garrett.

132. THE RISE OF ABSOLUTISM IN EUROPE (5).

Europe in the Seventeenth Century. *Five hours a week, winter quarter.* Professor Garrett.

133. THE FRENCH REVOLUTION AND THE NAPOLEONIC PERIOD (5).

An intensive study of the causes, events, and results of the French Revolution and the Napoleonic period. *Five hours a week, spring quarter.* Professor Garrett.

134. RISE OF DEMOCRACY AND NATIONALISM IN MODERN EUROPE (5).

Europe from 1815 to 1870. *Five hours a week, fall quarter.* Professor Garrett.

135. THE WORLD WAR AND ITS BACKGROUND (5).

Europe from 1870 to 1918. *Five hours a week, winter quarter.* Professor Garrett.

136. RECENT AND CONTEMPORARY EUROPEAN HISTORY (5).

The aftermath of the World War. *Five hours a week, spring quarter.* Professor Garrett.

137. ENGLAND TO 1603 (5).

The development of English society based upon an intensive study of the courses and literature of selected topics. Emphasis will be upon intellectual history in 1939 and upon social and political history in 1940. *Five hours a week, spring quarter.* Professor Russell.

138. ENGLAND FROM 1603 to 1760 (5).

The national development and expansion of the British state during the period covered. *Five hours a week, fall quarter.* Professor Wagstaff.

139. GREAT BRITAIN FROM 1760 TO THE WORLD WAR (5).

Evolution of the British state as shaped by modern forces. *Five hours a week winter quarter.* Professor Wagstaff.

143. DIPLOMATIC HISTORY OF THE UNITED STATES, 1776-1937 (5).

A study of American foreign relations with emphasis upon the historical development of present foreign policies and the social and economic forces at home and abroad which led to their adoption. *Five hours a week, fall quarter.* Professor ....

145. STUDIES IN AMERICAN CULTURAL HISTORY, 1492-1860 (5).

The course will deal with cultural trends, the early development of significant American ideas and social attitudes, and the growth of national characteristics and the relation of these to the social and economic background in which they grow. Emphasis will be placed upon such things as migrations of people and ideas; contributions of foreign cultures, geographic environment, the frontier, religion, puritanism, humanitarianism, and women; the growth of nationalism; and the ideal of cultural independence. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Beale.

146. STUDIES IN AMERICAN CULTURAL HISTORY, 1860-1937 (5).

The course will deal with the historical background of contemporary American culture, ideas, social attitudes, and national characteristics, with emphasis upon the contributions of such groups as Negroes, foreigners, and women, migrations of ideas, and the influence of industrialism, of science, of religion, and of the ideals of progress, individualism, and social responsibility. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Beale.

149 THE AMERICAN COLONIES, 1606-1689 (5).

A survey of European backgrounds; and a study of the founding and development of England's continental colonies and of their relations to each other and to the British Empire. *Five hours a week, fall quarter.* Professor Lefler.

150. THE AMERICAN COLONIES, 1689-1783 (5).

A study of the political, social, economic, and cultural history of the colonies from 1689 through the American Revolution. *Five hours a week, winter quarter.* Professor Lefler.

151. THE FEDERAL PERIOD, 1783-1815 (5).

A study of the Articles of Confederation, the formation and adoption of the Federal Constitution, the launching of the government, Jeffersonian democracy, and the Second War for American Independence. *Five hours a week, fall quarter.* Professor Newsome.

152. THE ANTE-BELLUM PERIOD, 1815-1860 (5).

A study of the westward movement, Jacksonian democracy, nationalism and expansion, state rights and sectionalism, controversy over negro slavery, and causes of the War for Southern Independence. *Five hours a week, spring quarter.* Professor Newsome.

154. CIVIL WAR AND RECONSTRUCTION (5).

The important constitutional, political, social, and economic aspect of the Civil War and Reconstruction in The United States. *Five hours a week, fall quarter.* Professor Beale.

155. RECENT HISTORY OF THE UNITED STATES, 1877-1901 (5).

A study of the transformation of America from a rural society "isolated" from world affaris into a highly industrialized world power with emphasis on the economic, social, constitutional, ideological, and cultural changes which caused or grew out of this transition. *Five hours a week, winter quarter.* Professor Beale.

156. RECENT AMERICAN HISTORY, 1901-1937 (5).

The course deals with the political, constitutional, economic, social, and intellectual problems of the newly industrialized nation, and with the history of the foreign relations of the United States as a world power. *Five hours a week, spring quarter.* Professor Beale.

161. NORTH CAROLINA, 1584-1815 (5).

A survey of the political, social, economic, and cultural development of North Carolina from the first settlement until 1815. *Five hours a week, fall quarter.* Professor Lefler.

162. NORTH CAROLINA, 1815-1936 (5).

A survey of political, economic, social, and cultural developments in North Carolina since 1815. *Five hours a week, winter quarter.* Professor Newsome.

163. THE SOUTH, 1789-1860 (5).

A course dealing with the Southern States with emphasis upon social, economic, and political organization and movements. *Five hours a week, fall quarter.* Professor Green.

164. THE SOUTH, 1877-1936 (5).

The course deals with the political, economic, social, and intellectual development of the South since the close of Reconstruction. *Five hours a week, winter quarter.* Professor Green.

165. HISTORY OF THE WEST (5).

A study of the westward movement and of frontier civilization in the area now comprising the United States from the time of exploration and settlement to 1815. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Newsome.

166. HISTORY OF THE WEST (5).

A study of the westward movement and of frontier civilization in the United States from 1815 to the opening of the twentieth century. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Newsome.

167. ECONOMIC HISTORY OF THE UNITED STATES, 1783-1860 (5).

A study of agricultrue, transportation, commerce, manufacturing, and similar aspects of American history, 1783-1860, and of the iufluence of economic factors upon social and political life. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Lefler.

168. ECONOMIC HISTORY OF THE UNITED STATES, 1860-1925 (5).

A particular effort will be made to show the effects upon American life of the great economic revolution which has occured since the Civil War. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Lefler.

170. SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES (Education 143) (5). A study of the evolution of social and educational institutions and practices in the United States. *Five hours a week, fall quarter.* Professor Knight (of the Department of Education).

Courses for Graduates

201ab. HISTORIOGRAPHY (6).

Lectures, conferences, readings, and reports. The first quarter will be concerned with methods of research, schools of interpretation, and the interrelation of history with the other social sciences. The second quarter will be a seminar in the history and bibliography of history. Required of all graduate students in history. *Three hours a week, fall and winter quarters.* Professor Caldwell.

220. PRELIMINARIES OF THE AMERICAN REVOLUTION (5).

A study of the background and causes of the American Revolution. Lectures and reports. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor ....

221. THE WAR OF AMERICAN INDEPENDENCE (5).

A study of its political, social, and economic aspects. Lectures, readings, and reports. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor ....

261. STUDIES IN THE SOUTH, 1820-1865 (5).

An intensive study of the social life, economic organization, cultural development, and political system which tended to develop a distinctive Southerm nationalism. *Five hours a week, spring quarter.* Professor Green.

271. HISPANIC-AMERICAN HISTORY: The Colonial Period and the Wars of Independence (5).

A study of the transportation of Hispanic civilization in language, customs, religion, trade, and political institutions; Indian relations, labor and social conditions; education and industry; the causes and events of the struggles for independence. (1938-1939 and every third year.) *Five hours a week, winter quarter.* Professor Pierson.

272. HISPANIC-AMERICAN HISTORY: Development of Nationality in South America (5).

The modern history of Argentina, Brazil, Chile, Uruguay, Paraguay, Peru, Bolivia, and Ecuador. Attention will be directed to the evolution of their political theory, the struggle for political stability, the exploitation of resources, the diplomatic and commercial relations with the United States and Europe, the international problems of South America, the contemporary progress in politics and society. (1937-1938 and every third year.) *Five hours a week, winter quarter.* Professor Pierson.

273. HISPANIC-AMERICAN HISTORY: Hispanic North America and the Caribbean Countries (5).

Emphasis in this course will be placed upon the same general factors as in History 272. (1939-1940 and every third year.) *Five hours a week, winter quarter.* Professor Pierson.

301abc. ANCIENT HISTORY (9).

A seminar in some phase of ancient history. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Caldwell.

311abc. MEDIEVAL HISTORY (9).

A seminar in some phase of medieval social history. *Conference, one hour a week, fall, winter, and spring quarters.* Professor MacKinney.

321abc. MODERN EUROPEAN HISTORY (9).

A siminar in some phase of the Napoleonic period. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Garrett.

323abc. ENGLISH HISTORY (9).

A seminar in some selected phase. *Conference and reports, one hour a week, fall, winter, and spring quarters.* Professor Wagstaff.

331abc. AMERICAN COLONIAL HISTORY (9).

A seminar in some selected phase of the period. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Lefler.

331abc. HISTORY OF THE UNITED STATES, 1783-1860 (9).

A seminar in some phase of the history of the United States, 1783-1860. *Conerence, one hour a week, fall, winter, and spring quarters.* Professor Newsome.

335abc. HISTORY OF THE SOUTH (9).

A seminar in some phase of the history of the South. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Green.

337abc. RECENT UNITED STATES (9).

A seminar in some phase of the history of the United States since 1876. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Beale.

341. SEMINAR COURSE (5).

A research course in a special field under the direction of a member of the department.

370abc. HISPANIC-AMERICAN HISTORY (9).

A seminar in some selected phase. *Conference and reports, one hour a week, fall, winter, and spring quarters.* Professor Pierson.

DEPARTMENT OF JOURNALISM

Professors: O. J. COFFIN, C. P. RUSSELL.
Assistant Professor: WALTER SPEARMAN.

30. COLLEGE REPORTING (3 or 5).

A course with a maximum credit of five quarter-hours for reporting done on the student daily under the supervision of the Department of Journalism.

31. COLLEGE EDITING (3 or 5).

A similar credit course for those who do the editorial work of the student newspaper.

53. NEWS WRITING (5).

A course in elementary news writing devoted to practical work in the classroom. Prerequisite for Journalism 54. *Five hours a week, fall quarter. Laboratory fee, $2.00.* Professors Coffin, Russell, Spearman.

54. NEWS WRITING (5). Prerequisite, Journalism 53 or the equivalent.

A continuation of the work in Journalism 53, with the addition of some copyreading. Prerequisite for Journalism 55. *Five hours a week, winter quarter. Laboratory fee, $2.00.* Professors Coffin, Russell, Spearman.

55. NEWS WRITING (5). Prerequisite, Journalism 53 and 54.

A continuation of Journalism 54, with more emphasis on assignments. *Five hours a week, spring quarter. Laboratory fee, $2.00.* Professors Coffin, Russell, Spearman.

56ab. FEATURE WRITING (3 each quarter).

A course for advanced students in the production of feature stories and feature articles, with a view to making them marketable. Either half may be taken independently. *Three hours a week, winter and spring quarters.* Professors Coffin, Russell.

57. NEWS METHODS AND TREATMENTS (3).

A study of contemporary newspapers and of prevailing methods of handling news. Desk work. *Three hours a week, fall quarter. Laboratory fee, $2.00.* Professors Coffin, Spearman.

58. EDITORIAL WRITING (3).

Comparative examination of policies and relations. Editorial writing. *Three hours a week, spring quarter.* Professor Russell.

59. WEEKLY NEWSPAPER EDITING (3).

A study of the functions of the weekly newspaper, with practical instruction in meeting the problems of the neighborhood news medium. *Three hours a week, winter or spring quarter.* Professor Coffin.

60. BOOK REVIEWING AND DRAMATIC CRITICISM FOR NEWSPAPERS (3).

A course in book reviewing and covering plays and motion pictures from the newspaper point of view. *Three hours a week, winter quarter.* Professors Spearman, Russell.

61. HISTORY OF JOURNALISM.

A study of the chief forces and personalities that have contributed to the development of American newspapers, particularly in modern times. *Three hours a week, fall quarter.* Professor Russell.

DEPARTMENT OF LIBRARY SCIENCE

Professors: S. G. AKERS, R. B. DOWNS.
Associate Professor: †NORA BEUST.
Assistant Professor: LUCILE KELLING.

Courses for Undergraduates

These courses may be taken by advanced undergraduates in the College of Arts and Sciences with the approval of the Director of the School of Library Science.

111. REFERENCE AND BIBLIOGRAPHY (5).
Five hours a week, fall quarter. Professor Kelling.

121. PRINCIPLES OF BOOK SELECTION (5).
Five hours a week, fall quarter. Professor Beust.

122. BOOK SELECTION FOR HIGH SCHOOL LIBRARIES (5).
Five hours a week, winter quarter. Professor Beust.

123. BOOK SELECTION FOR CHILDREN'S LIBRARIES (5).
Five hours a week, spring quarter. Professor Beust.

151. HISTORY OF BOOKS AND LIBRARIES (5).
Five hours a week, spring quarter. Professor Downs.

*DEPATMENT OF MATHEMATICS

Professors: ARCHIBALD HENDERSON, T. F. HICKERSON, J. W. LASLEY, JR., A. W. HOBBS, E. T. BROWNE, E. L. MACKIE.
Associate Professors: A. S. WINSOR, J. B. LINKER, R. M. TRIMBLE, M. A. HILL, V. A. HOYLE.
Assistant Professors: **L. L. GARNER, E. A. CAMERON, REINHOLD BAER.
Instructor: NATHAN JACOBSON.
Teaching Fellows: C. L. SEEBECK, JOHN MUNCH.
Assistants: C. L. CARROLL, JR., A. K. HINDS.

Courses for Undergraduates

***1-2-3. INTRODUCTORY MATHEMATICS (9).

A systematic development of the notion of functions. First the algebraic functions, including the linear function, the quadratic function, and functions of higher degree, an account of associated equations and geometric loci, the rate of change of a function, functions changing at a given rate. Then transcendental functions, including the logarithmic and exponential functions with their rates of change and associated problems. Finally the trigonometric functions and their application to the solution of triangles. *Three hours a week, for the year.* Professors Henderson, Hickerson, Lasley, Hobbs, Browne, Mackie, Winsor, Linker, H. F. Munch, Trimble, Hill, Hoyle, Baer, Cameron; Messrs. Jacobson, Seebeck, J. F. Munch, Carroll, Hinds.

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† Absent on leave, January 1-December 31, 1938.

* For A.B. with major in Mathematics, there are required: Math. 31-32-33, 131, 141; and one of the following: Math. 101, 111, 141, 151, 161, 171; also Physics 21-22-23 and 4 courses from Physics, Chemistry, Geology, Botany, Zoölogy, Philosophy.

NOTE: If Mathematics 31-32-33 are taken in the Sophomore year, the Department recommends that 6 courses be taken in the Junior and Senior years, namely: 131, 141; and four from 101, 111, 151, 161, 171, or others.

In general, six courses will be taken in allied Departments and six in extra-Divisional Departments.

Those students who plan to teach in public schools should read the footnote at the bottom of page 152.

** Absent on leave, 1937-1938.

*** Mathematics 1-2-3 or Greek 1-2-3 or 11-12-13 or Latin 1-2-3 or 11-12-13 or the equivalent must be taken by each candidate for A.B.

1C-2C-3C. FIRST YEAR MATHEMATICS (9). Required of Freshman who expect to enter the School of Commerce.

An elementary study of algebra and trigonometry, including algebraic and trigonometric functions, solution of right triangles by natural functions, graphs, factoring, fractions, ratio, proportion, variation, and the binomial theorem, linear functions, quadratic functions, functions of higher degree, exponents, radicals, logarithms, and the solution of right triangles by logarithms, functions of multiple angles, and the solution of oblique triangles by means of the sine and cosine laws; progressions, interest and discount, annuities and their application to the extinction of interest bearing debts, depreciation, building and loan associations, evaluation and redemption of bonds, probability, mortality tables, life annuities, life insurance, and insurance reserves. *Three hours a week for the year.* Professors Henderson, Hickerson, Lasley, Hobbs, Browne, Mackie, Winsor, Linker, Trimble, Hill, Hoyle, Baer, Cameron; Messrs. Jacobson, Seebeck, J. F. Munch, Carroll, Hinds.

21-22-23 (11-12-13). SECOND YEAR MATHEMATICS (9). Prerequisite, Mathematics 1-2-3 or the equivalent.

The fundamentals of the analytic geometry of the straight line and the conic sections, transformation of coördinates, problems in loci. The differentiation process and its applications to geometry, physics, and mechanics, curvature of plane curves. The definite integral and its application to problems arising in geometry and the physical sciences, including length of arc, areas, volumes, moment of inertia, etc. Sophomore elective. *Three hours a week for the year.* Professors Hobbs, Hill, Cameron.

31-32-33 (23-24-25). SECOND YEAR MATHEMATICS: INTENSIVE COURSE (15). Prerequisite, Mathematics 1-2-3 or equivalent.

A course designed primarily for students intending to be in the Division of the Natural Sciences whose major will be mathematics and who therefore want a more intensive course in the principles and methods of analytic geometry and the calculus. The concepts of the straight line and the conic sections and certain special plane curves are considered with especial consideration of the problems of loci. The fundamental concepts of both the differential and the integral calculus are developed with application of a somewhat extended nature to situations in geometry, physics, and mechanics. These courses, though consecutive, may be taken separately in the order named for credit. Sophomore elective. *Five hours a week for the year.* Professors Mackie, Winsor, Linker, Hoyle.

41. MECHANICAL DRAWING (3). For freshmen and others.

Use of instruments, lettering, line work, geometric constructions. Study of the principles of orthographic projection and isometric drawing; intersections and development of simple surfaces. Plate layout and title composition; dimensioning and sectioning. The student makes a series of accurate plates in pencil and in ink. *Lectures and laboratory, five hours a week, every quarter. Laboratory fee, $1.00.* Professor Trimble.

42. DESCRIPTIVE GEOMETRY. (3). Prerequisite, Mathematics 41.

Fundamental problems of the point, line, and plane. Intersections of planes and curved surfaces. Elements of shades and shadows. Applications of principles of descriptive geometry to the graphical solution of practical problems. *Lectures and laboratory, five hours a week, winter quarter. Laboratory fee, $1.00.* Professor Trimble.

43. GRAPHICAL ANALYSIS. (3). Prerequisite, Mathematics. 41.

The construction of scalar and vector diagrams. Graphical representation of comparative or derived data. Fitting curves to plotted data and the design and composition of curve sheet and title. The use of nomographic charts in evaluating functions; stationary and sliding scales; networks of scales. *Lectures and laboratory, five hours a week, spring quarter. Laboratory fee, $1.00.* Professor Trimble.

51, 52. PLANE SURVEYING (5 each). Prerequisite, Mathematics 1, 2, 3, or equivalent. Mathematics 51 may be taken alone, but is prerequisite for Mathematics 52.

A general outline of methods of surveying; theory and use of compass, level, transit, plane table, and minor surveying instruments. Measurement and calculation of areas; stadia surveying; circular and parabolic curves. Topographic surveying; United States land surveys. Astronomical applications to the determination of meridian and latitude.

Afternoon periods are devoted to plotting and calculation work and to field exercises. *Two lecture and six field hours a week;* Mathematics 51, *fall or winter quarter.* Mathematics 52, *winter or spring quarter. Fee $4.00 each quarter.* Professor Trimble.

53. GEODESY (3). Prerequisite, Mathematics 51 or equivalent.

The figure and dimensions of the earth. Map projections with relation to the earth's shape considered as a sphere, spheroid, ellipsoid, geoid. The theory of base line measurement and triangulation. The adjustment of leveling and triangulation data by approximate methods and by least squares. Astronomy as applied to the determination of terrestrial positions and azimuths in a geodetic survey. Modern methods of determining longitude and geodetic positions. *Lectures, field work, and computing periods, five hours a week, fall or spring quarter. Fee $4.00 each quarter.* Professor Trimble.

Courses for Graduates and Advanced Undergraduates

101 (123-124). ADVANCED PLANE ANALYTIC GEOMETRY (3). Prerequisite, Mathematics 31-32-33.

This course is designed to present to the student who has taken Mathematics 31 an enlarged conception of analytic geometry of the plane, with many modern developments of the subject. Among the topics treated are the transformation of coördinates, the general equation of the second degree, a general study of loci, parametric representation of curves, polar coördinates, invariant properties of conics, intersections of curves, systems of curves, etc. *Three hours a week, fall quarter.* Professor Henderson.

103. INTRODUCTION TO HIGHER GEOMETRY (5). Prerequisite, Mathematics 33.

This is a teacher's course for graduate credit, especially devised for teachers who are candidates for the A.M. degree. The course deals with the properties of the triangle and circle from the modern point of view, poles and polars, harmonic division, transformation by reciprocal radii, Brocard points and circles, etc. *Five hours a week, spring quarter.* Professor Winsor.

104. INTRODUCTION TO ADVANCED ALGEBRA (5). Prerequisite, Mathematics 33.

This course supplements Mathematics 103. It is designed especially for teachers, and serves to bridge the gap between elementary algebra and Mathematics 246. Selected topics in advanced algebra, including such subjects as linear and quadratic forms, limits and series, complex numbers, elementary groups, etc. *Five hours a week, winter quarter.* Professor Winsor.

111. ELEMENTARY MATHEMATICAL STATISTICS (5). Prerequisite, Mathematics 33 or equivalent.

A course dealing with the elementary theory and applications of mathematical statistics, treating in detail the following topics: graphs, averages, dispersion, skewness, sampling, probable error, frequency curves and correlation. The course is designed to serve as a background for students dealing with statistical and observational data. *Five hours a week, spring quarter.* Professor Hill.

121. THEORETICAL AND APPLIED MECHANICS: STATICS (5).

The fundamentals of statics, including basic conceptions and definitions; resultants of force systems; equilibrium of force systems; friction; first moments and centroids; moments of inertia of areas and bodies. This course and its sequels, 122 and 123, are comparable to those offered at the accredited engineering schools of the country. *Five hours a week, fall quarter.* Professor Hickerson.

122. THEORETICAL AND APPLIED MECHANICS: KINEMATICS AND KINETICS (5).

Motion of a particle; translation, rotation and plane motion of rigid bodies; work and energy; impulse and momentum. *Five hours a week, winter quarter.* Professor Hickerson.

123. STRENGTH OF MATERIALS (6).

Stresses and strains in tension, compression, and shear; riveted and welded joints; torsion of shafts; shear, moment, and stresses in beams; deflection of beams by double-integration and moment-area methods; fixed, restrained, and continuous beams; composite beams; resilience; combined stresses; columns; energy loads. Parallel laboratory tests on specimens of steel, wrought iron, cast iron, concrete, and wood. *Five lecture and two laboratory hours a week, spring quarter. Laboratory fee, $4.00.* Professor Hickerson; Assistant.

131. THEORY OF EQUATIONS (5). Prerequisite, Mathematics 33.

Indispensable for students intending to prosecute studies in the higher branches of pure mathematics. Such subjects as the solution of equations of higher degree, transformations, determinants, elimination, invariants and covariants, and symmetric functions are treated in detail. The student is afforded a survey of the general problem and the basic principles of the formation, handling, and evolution of equations. *Five hours a week, winter quarter.* Professor Henderson.

141. DIFFERENTIAL EQUATIONS (5). Prerequisite, Mathematics 32 and 33.

This is a course both for students intending to specialize in mathematics and for students in advanced engineering, civil, electrical, and chemical. Among the subjects treated are singular solutions, applications to mechanics, geometry, and physics, linear equations with both constant and variable coefficients, equations involving more than two variables, partial differential equations, and spatial forms. *Five hours a week, fall quarter.* Professor Linker.

151. PROJECTIVE HOMOGENEOUS COÖRDINATES AND THEIR APPLICATIONS (5). Prerequisite, Mathematics 33.

A study of the general homogeneous coördinates of forms of one, two, three, and four dimensions; cross ratio and its properties; ideal elements; duality; projective correspondence; transformation of coördinates; the elements of line geometry. *Five hours a week, fall quarter.* Professor Lasley.

152. ANALYTIC PROJECTIVE GEOMETRY (5). Prerequisite, Mathematics 151.

The projective theory of binary forms; the conic as a rational curve; the conic as a ternary form; the conic from the viewpoint of the theory of correlations; functional determinants and invariants; selected topics from higher geometry. *Five hours a week, winter quarter.* Professor Lasley.

161. ANALYTIC GEOMETRY OF SPACE (5). Prerequisite, Mathematics 33.

Spatial relations are treated from the analytic standpoint. Deals with quadric surfaces, envelopes, foci, quadriplanar and tetrahedral coördinates, developable surfaces, curves in space, curvature of surfaces, higher surfaces, etc. *Five hours a week, spring quarter.* Professor Henderson.

171. ADVANCED CALCULUS (5). Prerequisite, Mathematics 33.

This course completes and rounds out the subject as given in Mathematics 33. Stress upon rigor in demonstration. Designed to meet the particular needs of the class, e.g., problem course on study of special functions. Thorough knowledge of calculus is the aim of the course. *Five hours a week, spring quarter.* Professor Mackie.

Courses for Graduates

206. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE (5). Prerequisite, Mathematics 131, 141, and 171.

Complex numbers, differentiation and integration, conformal mapping, linear fractional transformations, single and multiple valued functions. *Five hours a week, winter quarter.* Professor Henderson.

211. VECTOR ANALYSIS (5). Prerequisite, Mathematics 121, 141, and 161, or equivalent.

A study of vector analysis with applications to mechanics, physics, and geometry (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Hobbs

216. DYNAMICS (5). Prerequisite, Mathematics 211.

Differential equations of motion, equations of orbits, D'Alembert's principle, motion of a rigid body. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Hobbs.

221. PARTIAL DIFFERENTIAL EQUATIONS (5). Prerequisite, Mathematics 141.

An elementary treatment of partial differential equations with special emphasis upon applications. *Five hours a week, spring quarter.* Professor Hobbs.

226. FOUNDATIONS OF GEOMETRY (5). Prerequisite, Mathematics 151.

A course designed to meet the needs of students experienced in mathematical thinking. A survey of the contributions of Pasch, Peano, Hilbert, and their school to our knowledge of the foundations of geometry; a study of the axioms, of systems of geometry, etc. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Henderson.

231. THEORY OF NUMBERS (5). Prerequisite, Mathematics 131.

An elementary course in the study of the properties of the rational integers, including the study of the question of divisibility, greatest common divisor of two or more integers, solution of simple congruences, quadratic residues, quadratic reciprocity law, representation of integers by quadratic forms, equivalence of quadratic forms, etc. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Browne.

236. HIGHER PLANE CURVES (5). Prerequisite, Mathematics 152.

A course dealing with plane curves, particularly conics, cubics, and quartics; polarity, Plücker formulas, curves of Hesse, Steiner, and Cayley; classification of cubics, intersections of curves, singularities of curves, unicursal curves. *Five hours a week, spring quarter.* (1938-1939 and alternate years.) Professor Lasley.

241. LIE THEORY OF DIFFERENTIAL EQUATIONS (5). Prerequisite, Mathematics 141.

A study of differential equations from the point of view of continuous groups. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Hobbs.

246. MODERN HIGHER ALGEBRA (5). Prerequisite, Mathematics 131.

Polynomials and their fundamental properties, determinants, theory of linear dependence, linear equations, matrices, invariants, bilinear and quadratic forms. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Browne.

251. ELEMENTS OF NON-EUCLIDEAN GEOMETRY (5). Prerequisite, Mathematics 151.

The subject is treated chronologically. The contributions of Saccheri, Bolyai, Lobachewsky, Riemann, Cayley, Klein are studied, analyzed, and compared. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Henderson.

256. ALGEBRAIC INVARIANTS (5). Prerequisite, Mathematics 131 and 152.

An introduction to the non-symbolic theory of invariants of binary foms with applications to geometry, followed by an explanation of the symbolic notation of Clebsch with practice in its use. Based on Dickson's *Algebraic Invariants.* (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Browne.

261. DIFFERENTIAL GEOMETRY (5). Prerequisite, Mathematics 141 and 152.

A study of the metric differential geometry of curves, surfaces, and curves on surfaces, systems of curves defined by differential equations, surfaces given by two quadratic differential forms. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Lasley.

266. THEORY OF FUNCTIONS OF A REAL VARIABLE (5). Prerequisite, Mathematics 131 and 171.

The real number system from the standpoint of Cantor and Dedekind, elementary theory of point sets, limits, series, implicit functions, Riemann and Lebesgue integrals. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Mackie.

271. INTRODUCTION TO THE THEORY OF RELATIVITY (5). Prerequisite, Mathematics 121 and 141.

In this course the essential features of the special and general relativity theories of Einstein are set forth from the mathematical point of view. Particular study is made of the Voigt-Lorentz transformation and of the three crucial tests of the theory. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Henderson.

272. TENSOR ANALYSIS (5). Prerequisite, Mathematics 141 and 271.

A study of transformations of coördinates and tensor invariants under such transformations. Especial attention is paid to the application of tensors to the study of differential geometry and relativity theory. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Hoyle.

273. ADVANCED RELATIVITY THEORY (5).

Restricted relativity, with applications to physical and electrical problems. General relativity and gravitation. Geodesics and curvature in space-time. Cosmological speculations as to a finite, unbounded universe, and also an expanding universe. Theories of Einstein, DeSitter, Eddington, and LeMaitre. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Henderson.

280 (281). CALCULUS OF VARIATIONS (5). Prerequisite, Mathematics 266.

A study of various kinds of minimizing problems, determining functions which minimize certain definite integrals. Isoperimetric problems. Necessary conditions for an extreme as deduced by Euler, Weierstrass, Legendre, and Jacobi, and conditions sufficient to insure such an extreme. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Mackie.

281-282-283. TOPOLOGY (5 each).

This course deals with the more important topological methods and concepts, the fundamental group of Poincaré, covering space, duality, and dimension. These topics will be developed in a certain generality. Particular stress will be laid on the study of graphs, surfaces, and three-dimensional spaces. *Five hours a week, fall, winter, and spring quarters.* Professor Baer.

286. PROJECTIVE DIFFERENTIAL GEOMETRY (5). Prerequisite, Mathematics 152 and 261.

A study of the projective properties of curves and ruled surfaces by means of the invariants and covariants of systems of homogeneous differential equations. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Lasley.

291. INTRODUCTION TO THE THEORY OF FINITE GROUPS (5). Prerequisite, Mathematics 131.

Deals with the theory of substitutions in general, and as applied to the algebraic equation. Simple and compound groups, transitivity, and primitivity. Cyclic and linear groups, linear fractional substitutions, etc. Numerous applications in algebra and geometry. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Henderson.

SEMINARS AND THESES (5 each).

Reading and research in mathematics conducted by members of the department, as follows:

351. Thesis work and Seminar. Professor Henderson.

356. Thesis work and Seminar. Professor Lasley.

361. Thesis work and Seminar. Professor Hobbs.

366. Thesis work and Seminar. Professor Browne.

371. Thesis work and Seminar. Professor Winsor.

376. Thesis work and Seminar. Professor Mackie.

381. Thesis work and Seminar. Professor Baer.

386. Thesis work and Seminar. Dr. Jacobson.

*DEPARTMENT OF MUSIC

Professor: GLEN HAYDON.
Associate Professors: B. F. SWALIN, E. A. SLOCUM.
Assistant Professors: J. P. SCHINHAN, J. E. TOMS.
Assistants: DALE SANDIFUR, KATHRYN KENNARD, WILLI SOYEZ.

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* The courses in Music are designed to perform a three-fold function in the University: (a) to give the student electing music as his chief interest a thorough training in the pracitcal, theoretical, and historical aspects of the subject as a part of the general liberal arts curriculum for the A.B. degree; (b) to give the student interested in the scholarly aspects of the subject the basic training necessary for successful graduate work; (c) to afford students in other departments the opportunity to take music as an elective for its cultural value in the liberal arts program.

Course leading to the A.B degree with Music as the Major. Students who take Music as the major must modify the regular program for the first two years in order to begin Music their first year. They will take Freshman English, a foreign language, two courses in Music (4-5-6 and 14-15-16), and Mathematics or Latin or Greek, or the regular Freshman course in Social Science, or the regular Freshman course in Natural Science. Courses in the regular Freshman program postponed to make way for the Music must be taken at some later time. Similar arrangements must be made in the sophomore year to provide for Music 24-25-26 and 44-45-46.

The undergraduate major in Music consists of from thirty-six to forty-five quarter hours beyond the Freshman-Sophomore requirements and must include Music 61-62-63, 74-75-76, and 101-102-103 or 124-125-126. Attention is called to the special requirements in applied music. See page 194.

Courses for Undergraduates

4-5-6. NOTATION, SIGHT-SINGING, AND DICTATION (9).

A course in the rudiments of musical symbols with practice in reading and writing scales, intervals, melodies, and elementary harmonic materials. No prerequisite work nor previous training is necessary for Music 4, but previous experience will obviously be of great value to the student. *One lecture and four laboratory hours a week, fall, winter, and spring quarters.* Professor Toms.

14-15-16. HARMONY (9). Prerequisite or corequisite, Music 4-5-6.

By special permission 4-5-6 may be taken concurrently. *Three hours a week, fall, winter, and spring quarters.* Professor Haydon.

24-25-26. THE HISTORY OF MUSIC (9). Sophomore requirement for those who will have music as a major.

This general course in the history of music is divided into three parts any one of which may be taken separately: (1) the period from antiquity to the end of the sixteenth century; (2) the seventeenth and eighteenth centuries; (3) from the Romantic period to the present day. *Three hours a week, fall, winter, and spring quarters.* Professor Swalin.

44-45-46. ADVANCED HARMONY (9). Prerequisite, Music 14-15-16. Sophomore requirement for those who will have music as a major.

Three hours a week, fall, winter, and spring quarters. Professor Schinhan.

54. INSTRUMENTAL MUSIC OF THE CLASSICAL PERIOD (5).

Representative compositions by Purcell, Bach, Handel, Mozart, Haydn, Beethoven, and others will be used as a basis for the study of typical forms and styles of instrumental music from the viewpoint of the listener. The course is illustrated by phonographic recordings and actual performances of works for orchestras, chamber music combinations, and pianoforte. Open to juniors, seniors, and *graduates, without prerequisite. Will not be accepted as part of a major. *Five hours a week, fall quarter.* Professor Swalin.

55. INSTRUMENTAL MUSIC OF THE ROMANTIC AND MODERN PERIODS (5).

Similar to course 54 but dealing with the instrumental compositions of the Romantic and Modern composers. Open to juniors, seniors, and *graduates, without prerequisite. Will not be accepted as part of the major. *Five hours a week, winter quarter.* Professor Swalin.

56. TYPICAL FORMS AND STYLES OF VOCAL MUSIC (5).

Similar to Music 54, this course will be devoted to the study of such vocal music as the madrigal, motet, art song, the opera, and oratorio. Open to juniors, seniors, and *graduates, without prerequisite. Will not be accepted as part of the major. *Five hours a week, spring quarter.* Professor Swalin.

61-62-63. MODAL COUNTERPOINT IN THE 16TH CENTURY STYLE (9). Prerequisite, Music 14-15-16.

Study and practice of the contrapuntal technique of the 16th century; the writing of simple motets. *Three hours a week, fall, winter, and spring quarters.* Professor Schinhan.

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* Music 54, 55, 56 carry no graduate credit.

71-72-73. INSTRUMENTATION, ORCHESTRATION, AND ELEMENTARY CONDUCTING (9).

A course in the study of the principles and practice of instrumentation for orchestra and band, elementary score reading, and conducting. *Three hours a week, fall, winter, and spring quarters.* Professor Slocum.

74-75-76. ANALYSIS AND COMPOSITION IN THE SMALLER FORMS (9).

Three hours a week, fall, winter, and spring quarters. Professor Slocum.

Courses for Graduates and Advanced Undergraduates

101-102-103. INTRODUCTION TO MUSICOLOGY (9). Prerequisite, a reading knowledge of one or more of the important foreign languages, a fair knowledge of musical theory, and some skill in practical applied music.

A study of the problems and methods in the various fields, historical and systematic, of musical research. *Three hours a week, fall, winter, and spring quarters.* Professor Haydon.

124. MUSICAL IMPRESSIONISM (3). Prerequisite, Music 24-25-26 and 44-45-46.

A critical analysis of representative works of composers of the impressionistic movement in music. An effort will be made to correlate the movement in music with analogous developments in the other arts. *Three hours a week, fall quarter.* Professor Swalin.

125. MUSICAL EXPRESSIONISM (3). Prerequisite, Music 24-25-26 and 44-45-46.

The study of certain twentieth century tendencies in musical composition. *Three hours a week, winter quarter.* Professor Swalin.

126. MODERN FRENCH COMPOSERS (3). Prerequisite, Music 24-25-26 and 44-45-46.

The French composers Franck, Fauré, Chausson, Massenet, D'Indy, and Saint-Saëns. *Three hours a week, spring quarter.* Professor Swalin.

161-162-163. FREE COUNTERPOINT, CANON AND FUGUE (9). Prerequisite, Music 61-62-63.

A study of contrapuntal procedure with particular reference to the style of Bach. *Three hours a week, fall, winter, and spring quarters.* Professor Slocum.

174-175-176. ANALYSIS AND COMPOSITION IN THE LARGER FORMS (9). Prerequisite, Music 74-75-76.

Three hours a week, fall, winter, and spring quarters. Professor Schinhan.

Courses for Graduates

201. SPECIAL STUDIES (To be arranged).

The Department is ready to assist and advise competent graduate students who may propose plans for either research or creative work which meet with its approval Hours and credit to be arranged. Professor Haydon.

301-302-303. SEMINAR: MUSICOLOGY (9).

Special topics or fields of study will be selected for each quarter after consultation with the class. *Three hours a week* (to be arranged), *fall, winter, and spring quarters.* Professor Haydon

APPLIED MUSIC

The following courses in applied music are open to students in any department of the University having the necessary technical equipment. The work in applied music is regarded not merely as technical training in performance, but also as a study of the standard literature for the particular instrument or ensemble group. Credit in general will be given on the basis of one quarter hour credit a year in the first and second years; two quarter hours credit a year in the third and fourth years. For those whose major is not music a total credit not to exceed ten quarter hours may be counted as electives in the A.B. curriculum. Those whose major is music must offer at least ten quarter hours in applied music and may offer a total not to exceed twenty-five quarter hours in this field, of which not more than ten may be in ensemble courses. All students with majors in music, unless given special permission by the Head of the Department, must continue individual instruction in applied music throughout the four years. Students desiring to do their applied music in the general instrumental course will arrange their schedule for the study of the various string and wind instruments in consultation with the Department.

The general prerequisite for entrance into the first year courses is ability to perform music of difficulty rated as grade three for the particular instrument. Students who do not have this prerequisite will repeat the preparatory course without credit until they qualify for the freshman course. The candidate for the A.B. degree with a major in music must complete as a minimum the freshman course in his chosen field of applied music. Students electing some other instrument than piano for their work in applied music must demonstrate sufficient pianistic ability to enable them to meet the practical requirements of the course to be pursued. This is interpreted to mean the ability to play at sight hymns or compositions of similar difficulty.

Students seeking the A.B. degree with a major in Music will be required to participate in the musical organizations of the Department, and those in the advanced applied music course must take part in recitals as prescribed by the Department.

Fees

Fees for individual instruction are: $18.00 a quarter for one lesson a week; $36.00 a quarter for two lessons a week. The fees for class instruction vary from $3.50 to $10.00 a quarter according to the number of lessons a week. Practice rooms and periods are assigned at the Music Department Office. Fee for one hour daily practice period (room with piano), $3.00 a quarter; fee for two hours daily practice, $5.00 a quarter. Other fees in proportion. Fee for six hours practice a week on Reuter four manual organ, $15.00 a quarter. All fees for applied music and practice must be paid at the office of the Music Department.

Individual Instruction

A. PREPARATORY ORGAN (no credit).

The aim of this course is to give the student the preliminary training on a keyboard instrument required for entrance into the course 1A. *One or two half-hour lessons and six or twelve hours practice a week, every quarter.* Professor Schinhan.

1A-2A-3A. FIRST YEAR ORGAN (1 or 2). Prerequisite, ability to play music for a keyboard instrument of the difficulty of Heller, Op. 45, 46, 47; Bach Two-Part Inventions; scales and arpeggios in moderate tempo; simple hymns (at sight). Value, 1 or 2 quarter hours respectively for one or two lessons and six or twelve hours of practice a week throughout the year. Professor Schinhan.

21A-22A-23A. SECOND YEAR ORGAN (1 or 2). Prerequisite, Music 1A-2A-3A. Value, hours, and fee as in 1A-2A-3A. Professor Schinhan.

51A-52A-53A. THIRD YEAR ORGAN (2 or 4). Prerequisite, Music 21A-22A-23A. Value, 2 or 4 quarter hours respectively for one or two lessons and six or twelve hours practice a week throughout the year. Professor Schinhan.

81A-82A-83A. FOURTH YEAR ORGAN (2 or 4). Prerequisite, Music 41A-42A-43A. Value, hours, and fee as in third year organ. Professor Schinhan.

Similar numbering and description with regard to value, hours, fees, and prerequisite work apply to each of the courses B. C, D, and E,

B. PIANO. Professor Schinhan; Messrs. Sandifur, Soyez.

C. VOICE. Professor Toms.

D. VIOLIN. Professor Swalin.

E. FLUTE or other band or orchestral instrument. Professor Slocum.

Class Instruction†

For students desiring to complete the general piano requirements, for those in the general instrumental course, and for those wishing special training in voice, class instruction will be offered as far as practicable. Applications for admission to any of these classes should be made at the office of the Department of Music as soon after registration as possible. Hours to be arranged.

Ensemble Groups

1F-2F-3F. FIRST YEAR BAND (1 for year). Prerequisite, approval of instructor based upon a "try-out" given at the beginning of each quarter.
A minimum of two hours a week throughout the year. Professor Slocum.

21F-22F-23F. SECOND YEAR BAND (1 for year).
Hours and value as in preceding course. Professor Slocum.

51F-52F-53F. THIRD YEAR BAND (2 a year).
A minimum of two hours a week throughout the year. Professor Slocum.

81F-82F-83F. FOURTH YEAR BAND (2 a year).
Hours and value as in the preceding course. Professor Slocum.

Similar numbering, prerequisites, value, and hours apply to each of the following courses in applied music:

1G. ORCHESTRA. Professor Swalin.

1H. GLEE CLUB. Professor Toms.

1I. PIANO ENSEMBLE, OR OTHER INSTRUMENTAL ENSEMBLE. Professors Slocum, Swalin; Mr. Sandifur.

*DEPARTMENT OF PHILOSOPHY

Kenan Professor Emeritus: H. H. WILLIAMS.
Professors: F. F. BRADSHAW, G. F. THOMAS.
Associate Professor: S. A. EMERY.
Instructor: L. O. KATTSOFF.
Teaching Fellow: CONVERE JONES BURWELL (Kenan Fellow).

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† Although no credit toward the A.B. degree is allowed for this work, the State Department of Education will allow a certain amount of credit in connection with the requirements for the teaching credentials in Music.

* The student planning a Philosophy major in the Division of the Humanities should take either Philosophy 24-25-26 or 41 in the General College. The major program will then consist of Philosophy 56, 57, and four courses from the group: 63, 64, 76, 86, 96, 121, 122, 131-132-133. Four to eight whole courses outside of Philosophy (not more than four in one department, and distributed between at least two departments) are required in the Division of the Humanities; four to seven whole courses outside of the Division. The student and the adviser in consultation will make these selections.

The student planning a Philosophy major in the Division of the Social Sciences should take either Philosophy 24-25-26 or 41 in the General College. The major program will then consist of Philosophy 56, 57, 131-132, 171, 172. If the student has not had in the General College either Philosophy 24-25-26 or 41, then Philosophy 133 will be added to the major requirement. Six whole courses outside of Philosophy are required in the Division of the Social Sciences; six whole courses outside of the Division. The student and the adviser in consultation will make these selections.

The student planning a Philosophy major in the Division of the Natural Sciences is advised to take Philosophy 21-22-23 in the General College. The major program will then consist of Philosophy 56, 57, 134, 135, 141, 142. Six whole courses outside of Philosophy are required in the Division of the Natural Sciences, spread through the sciences as much as possible; six whole courses outside of the Division. The student and the adviser in consultation will make these selections.

Courses for Undergraduates

21-22-23. INTRODUCTION TO THE METHODS OF THOUGHT (9).

An introductory study of the forms of valid inference, with special reference to the general methods of scientific thought. Emphasis will be placed both upon the discussion of principles and upon the study of their application in actual instances of successful thought. Sophomore elective. Credit is not allowed for both Philosophy 21-22-23 and 66. *Three hours a week, throughout the year.* Dr. Kattsoff.

24-25-26. INTRODUCTORY METAPHYSICS, ETHICS, AND POLITICAL PHILOSOPHY (9).

A course designed to acquaint the student with the major philosophical alternatives underlying the scientific thought, the personal conduct, and the political forms of today. Views of man's status in nature: naturalism, pragmatism, dualism, realism, and idealism (fall). Evaluation of attitudes, such as the Stoic and Epicurean, expressed in present personal conduct (winter). Appraisal of political ideals: democracy, communism, and fascism (spring). Sophomore elective. *Three hours a week throughout the year. Fall and spring quarters,* Professor Emery; *winter quarter,* Professor Bradshaw.

41. INTRODUCTION TO PHILOSOPHY (5).

This course is intended to serve as an introduction to later work in philosophy; but its main purpose is to give a general view of philosophy to those who may take no further courses in the subject. Lectures and discussions. *Five hours a week. Fall quarter,* Professor Emery; *spring quarter,* Dr. Burwell.

56. THE DEVELOPMENT OF PHILOSOPHY: ANCIENT AND MEDIEVAL (5).

The growth of philosophic problems from the dawn of Greek philosophy through the Middle Ages. *Five hours a week, fall quarter.* Professor Thomas.

57. THE DEVELOPMENT OF PHILOSOPHY: MODERN (5).

The growth of philosophic problems from the end of the Middle Ages through the nineteenth century. *Five hours a week, winter quarter.* Professor Emery.

63. CONTEMPORARY PHILOSOPHY (5).

A study of naturalism, idealism, realism, and pragmatism as contemporary outgrowths of important movements in the history of philosophy. *Five hours a week, spring quarter.* Professor Emery.

66. INTRODUCTION TO THE METHODS OF THOUGHT (5).

An introductory study of the categories and forms of inference with special reference to applications. The relative importance of form and content in reasoning is analyzed. The purpose of the course is to show the student how to think and to enable him to start thinking. Much the same ground is covered as in Philosophy 21-22-23. Credit is not allowed for both 21-22-23 and 66. Open to juniors and seniors only. *Five hours a week, winter quarter.* Professor Emery.

86, 76, 96. MORAL, AESTHETIC, AND RELIGIOUS VALUES (5 each).

Moral Values (fall): An approach to the problem of conduct through an analysis of values. The definition, classification, and ranking of values will be studied. Greek, Christian, and modern conceptions of good, virtue, and duty will be compared. Aesthetic Values (winter): A study of what is known as art or the beautiful, and an inquiry into some of the critical and psychological questions involved. Religious Values (spring): The nature of religion and its relation to morality and art will be analyzed. An attempt will be made to deal with the implications of science for religion. Problems concerning the nature of God, the Soul, and Evil will be treated. The social and political significance of religion will be indicated. *Five hours a week.* Professor Thomas.

91. PHILOSOPHY OF THE STATE (5).

An analysis of classical theories of the state, such as those of Aristotle, Machiavelli, Hobbes, Locke, Burke, and Lenin, will be followed by an investigation of some fundamental issues of contemporary political theory. *Five hours a week, spring quarter.* Professor Thomas.

Courses for Graduates and Advanced Undergraduates

121. KANT (5). Prerequisite, Philosophy 57.

A study of Kant's Critical Philosophy, as rooted in eighteenth century Empiricism and Rationalism, and as initiating German Idealism. Lectures, readings, and discussion. *Five hours a week, spring quarter.* Professor Emery.

122. PLATO AND ARISTOTLE (5). Prerequisite, Philosophy 56.

This course is designed for those who desire to make a more careful study of Plato and Aristotle than is possible in Philosophy 56. Some of the later dialogues of Plato will be read and selections from Aristotle's treatises on nature, the soul, and ethics will be analyzed. The nature of Plato's influence upon Plotinus and of Aristotle's influence upon Aquinas will be indicated. *Five hours a week, winter quarter.* Professor Thomas.

131-132-133. LOGIC AND CIVILIZATION (15).

The purpose of this course is to show how intelligence works both in the individual and in the currents of thought that constitute civilization. The student will be furnished a kit of tools with which to solve some of the problems which will confront him in living his own life and understanding the world about him. *Five hours a week throughout the year.* Dr. Kattsoff.

134, 135. AN INTRODUCTION TO SYMBOLIC METHODS OF THOUGHT (5 each).

The new symbolic approach to the logic of classes, propositions, propositional functions, modal systems, and the nature of implication. Credit for 134 without 135, but 134 is prerequisite for 135. *Five hours a week, winter and spring quarters.* Dr. Kattsoff.

141. THE LOGIC OF MATHEMATICS (5).

Analysis of the fundamental concepts of mathematics. Its logical development; recent controversies on its foundations. *Five hours a week, fall quarter.* Dr. Katsoff.

142. THE LOGIC OF THE PHYSICAL AND BIOLOGICAL SCIENCES (5).

The logical categories of physics and biology; their role in the development of these sciences. Scientific inference, its general nature and relation to logic. *Five hours a week, spring quarter.* Dr. Katsoff.

171, 172, 173. ETHICS (5 each).

A survey of ethics, historical and contemporary. The first quarter is concerned with the beginnings of ethical standards in the historical religions of the world and the subsequent development of ethical theory. The second quarter traces the contributions to the theory of values made by the scientific developments of the last two centuries. The third quarter is devoted to contemporary ethical problems, economic, political, and personal; and the logical foundation of ethical theory. Lectures, discussion, and directed reading. *Five hours a week, fall, winter, and spring quarters.* Professor Bradshaw.

Courses for Graduates

224-225-226. KANT (15).

An intensive study of the *Critique of Pure Reason* with important commentaries, in the light of Kant's whole philosophy and its historical context. *Five hours a week throughtout the year.* Professor Emery.

227-228-229. STUDIES IN HEGEL (15).

This course aims to consider Hegel's system as grounded in the *Logik* and exhibited in the *Phenomenologie. Five hours a week throughout the year.* Professor Williams.

301, 302. SEMINAR IN METAPHYSICS AND EPISTEMOLOGY (3 each).

The works of various representative recent and contemporary philosophers will be studied. Reports and discussions. *Three hours a week. Fall quarter,* Professor Emery; *winter quarter,* Professor Thomas.

311a. SPECIAL READINGS IN PHENOMENOLOGY (3).

Readings in the works of Husserl. *Three hours a week, fall quarter.* Dr. Kattsoff.

311b. SPECIAL READINGS IN LOGICAL POSITIVISM (3).

Readings in the works of Schlick. *Three hours a week, winter quarter.* Dr. Kattsoff

*DEPARTMENT OF PHYSICAL EDUCATION AND ATHLETICS

Professor: O. K. CORNWELL.
Associate Professors: R. B. LAWSON, W. F. LANGE.
Assistant Professors: F. T. SIEWERT, HERMAN SCHNELL.
Instructor: M. Z. RONMAN.

TECHNICAL ASSISTANTS IN SPORTS

R. A. FETZER, M. D. RANSON, J. MORRISS, Track and Field Sports
R. B. WOLF, W. F. LANGE, JOHN VAUGHT, Football
W. D. SKIDMORE, G. E. SHEPARD, Basketball
BUNN HEARN, Baseball
M. Z. RONMAN, Boxing
P. H. QUINLAN, Wrestling and Conditioning
J. F. KENFIELD, Tennis
C. P. ERICKSON, Golf
FLOYD SIEWERT, HERMAN SCHNELL, Intramural Athletics, and Games of Low Organization.

The purpose of the work can be stated as follows: (1) To furnish to each student all the information about himself which we can from a careful physical examination. (2) To teach him the elements of personal hygiene and public health. (3) To give special attention by way of corrective exercises to all students with physical handicaps. (4) To teach outdoor sports and leisure time recreations to all students in line with their capacities and interests. (5) To provide the necessary training for teachers in the field of health and physical education and thus help to meet the need in North Carolina for knowledge about individual and public health and to promote widespread participation in wholesome recreation.

PHYSICAL EDUCATION

HYGIENE 1-2-3. PERSONAL HYGIENE (3). Required of Freshmen.

This couse is designed to acquaint the student with the fundamental facts of personal hygiene so that he may keep his body at its highest efficiency. It is intended also to show the student how the individual and the community are protected against communicable diseases and to give to him knowledge by means of which he may help in promoting health and social betterment. *One hour a week, fall, winter, and spring quarters.* Professors Cornwell, Lange, Siewert, Schnell; Messrs. Ronman, Morriss, Shepard, Vaught.

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* The work is under the joint control of the Department of Education and the Athletic Council; for the Department of Education, Dr. H. R. Douglass, for the Athletic Council, Director R. A. Fetzer are in charge.

1-2-3. PHYSICAL EDUCATION (3). Required of Freshmen.

This course is designed to develop the fundamental physical skills and is adapted on the basis of thorough physical examination to the capacities and needs of individual students. Games of low and high organization, seasonal sports, and individual corrective or remedial work are used in the course. *Two hours a week, fall, winter, and spring quarters.* Professors Lawson, Siewert, Schnell; Messrs. Vaught, Ronman, Ranson, Fletcher, Morriss, Allen, Robinson, Dunham.

51. PRINCIPLES OF PHYSICAL EDUCATION (5).

A study is made in this course of the bases for physical education in the present organization of society; the relations of physical education to general education practice; standards for judging practice in physical education; and the psychological, sociological, and hygienic guides to be used in the selection of materials and methods. *Five hours a week, fall quarter.* Professor Cornwell.

51a. Laboratory work of six hours weekly is required in the coaching of track and field events. This course will present the coaching of standard track and field events for men. In addition to techniques and procedures for development of individual performers, attention is given to placement of men in a team for effective results, and to other aspects of team play and coöperation. Messrs. Fetzer, Ranson; Assistants.

52. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION (5).

This course deals with problems and procedures in physical education, including classification of students, organization of program, class schedules, teaching load, equipment, records, administration of a gymnasium, and other pertinent materials. *Five hours a week, winter quarter.* Professor Cornwell.

52a. Laboratory work of six hours weekly is required in the coaching of football. This will deal with the game from the point of view of the coach, presenting fundamental training, plays, signals, offensive and defensive plans, tackling, blocking, interference, punting, drop kicking, and place kicking. Strategy in play, the technique of formations, the value and defects in various shifts, and other essentials of play will be presented. Mr. Wolf; Assistants.

53. TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION (5).

This course is designed to acquaint students with various tests and measurements in the fields of health and physical education. Special attention is given to test construction, scoring, and methods of using results. Various tests now in use will be evaluated. *Five hours a week, spring quarter.* Professor Cornwell.

53a. Laboratory work of six hours weekly is required in the coaching of basketball. This course will present fundamentals of coaching in terms of shooting, passing, dribbling, footwork, and guarding. In addition, form and technique for individual positions, selecting and placing of men, offensive and defensive formations, and various styles of team play will be covered. Messrs. Shepard, Skidmore; Assistants.

61. HEALTH EDUCATION (5).

This course presents personal and general hygiene as a means for the improvement of living. A study of the problems of living as they involve the health of the adult. Problems of the adjustment of the individual to general conditions of rural and urban life. Various aspects of public school health teaching receive consideration. *Five hours a week, fall quarter.* Professor Cornwell.

61a. Laboratory work of six hours weekly is required in the coaching of baseball. This course will be devoted to defensive styles of play for different situations in the game, team play, individual play in different positions, the handling of pitchers, signals, batting, fielding, sliding, base-running, and other technical and strategical procedures in play. Mr. Hearn; Assistants.

62. HEALTH EDUCATION (5).

This course includes a general survey of principles of sanitary science and their application to water, milk, and food; the disposal of sewage and garbage; ventilation; and school, home, and community health problems, including child and adult hygiene. *Five hours a week, winter quarter.* Professor Cornwell.

62a. Laboratory work of six hours is required in games of low organization. The object of this course is to develop skill in and familiarity with a wide variety of activities in physical education suitable for schools and recreation centers. Mass athletics, marching, tumbling and stunts, volley ball, hand ball, and many other activities adaptable to groups differing in age and skill will be offered. Professor Siewert; Assistants.

63. HEALTH EDUCATION (5).

This course presents methods and materials for the teaching of health and the handling of school health problems. How to teach and what to offer in classes in health. Discussion of the methods and subject matter used in presenting hygiene to students. Includes a study of the opportunities for integration of materials on health with other subjects of the organized curriculum. *Five hours a week, spring quarter.* Professor Cornwell.

63a. Laboratory work of six hours weekly is required in the coaching of boxing and wrestling. This course is designed to acquaint students with the various techniques in both offensive and defensive boxing and wrestling. Methods of teaching the various skills to both individuals and groups will be considered. Messrs. Ronman, Quinlan; Assistants.

64. DIRECTED TEACHING OF PHYSICAL EDUCATION (5). Prerequisite, courses to be determined by instructor.

This course is designed to give the student experience and practical work in the classroom and gymnasium and on the playing field. Actual teaching together with the making of lesson plans, conferences with the instructor, and discussions of various techniques used make up the course content. *Five hours a week, every quarter.* Professor Siewert.

71. ANATOMY (5).

This course is designed to teach the fundamentals of gross anatomy of the human body by means of lectures and demonstrations, using charts, models and drawings. Students are supplied, through the coöperation of the University Medical School, with sets of typical bones from the human body and are permitted to use the anatomy laboratory for practical demonstrations on the human cadaver. Practical observations are made to illustrate the anatomical or common athletic injuries and methods of their treatment. Supplementary lectures are given by members of the Department of Anatomy of the Medical School. *Five hours a week, fall quarter.* Professor Lawson.

72. PHYSIOLOGY (5).

Prerequisite, Physical Education 71 or the equivalent of Zoölogy 41 and 42.

A lecture course in elementary physiology, covering the muscular, cardio-respiratory, nervous, gastro-intestinal, and reproductive systems. *Five hours a week, winter quarter.* Professor Lawson.

73. INDIVIDUAL PHYSICAL EDUCATION (5).

Theory and practice in making a program in physical education meet the needs of handicapped individuals, fundamental principles in the selection and adaptation of activities in corrective procedures, abnormal conditions that come to the attention of the physical educator, methods of examining and determining individual needs, activity program of both formal and informal character to meet the needs in schools and colleges, will be the problems dealt with in this course. *Five hours a week, with a laboratory requirement, spring quarter.* Professor Lawson.

*DEPARTMENT OF PHYSICS

Professors: A. E. Ruark, O. Stuhlman, Jr., K. H. Fussler, E. K. Plyler.
Associate Professor: J. A. Wheeler.
Instructor: P. E. Shearin.
Teaching Fellow: C. C. Jones.
Assistants: Mary W. Hodge, Irl Howell, Arthur Menius, H. M. Parker.

Courses for Undergraduates

1-2-3. DESCRIPTIVE PHYSICS (12). Fulfills the freshman requirement in science; is not accepted as meeting the requirement for admission to the School of Medicine. A cultural course emphasizing the historical development of physics, and its influence on modern life and thought. Text: Black, An Introductory Course in College Physics.

Part I. Mechanics, followed by a brief survey of all important physical ideas, in preparation for Part II. *Fall quarter.*

Part II. Heat, Sound, Light. *Winter quarter.*

Part III. Electricity, Magnetism, Structure of Atoms and Molecules, leading facts of Astromomy. *Spring quarter.*

Note: All three parts must be completed in order to secure any credit

Two lecture, one discussion, and two laboratory hours a week. Laboratory fee, $2.75 a quarter. Lectures: Professor Ruark. Discussion period: Professors Ruark, Wheeler; Dr. Shearin. Laboratory: Professor Fussler; Assistants.

21-22-23. GENERAL PHYSICS (12). Prerequisite, Freshman Mathematics. Text: Foley, *College Physics.*

Part I. Mechanics of solids, liquids, and gases. *Fall quarter.*

Part II. Electricity and Magnetism, Heat. *Winter quarter.*

Part III. Completion of Heat, Sound, Light. *Spring quarter.*

Note: All three parts must be completed in order to secure any credit.

Two lecture, one discussion, and two laboratory hours a week. Laboratory fee, $2.75 a quarter. Lectures: Professor Fussler; Dr. Shearin; Discussion period: Professor Fussler; Dr. Shearin; Laboratory: Professor Fussler; Assistants.

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* For A.B. with Major in Physics (Math. 1-2-3, Chemistry 1-2-3, Physics 21-22-23, and Math. 21-22-23, should have been completed in the General College); six courses in physics; six courses in other natural sciences including Math. 141 and, for students with mathematical tendencies, one other course in mathematics, or for students with experimental tendencies, two courses in chemistry (from 42, 61, 81, 182); six electives from Departments not in the Division of the Natural Sciences, with English 59 and philosophy 141-142 strongly recommended.

For S.B. in Physics the student should take in the General College: Physics 1-2-3 or 21-22-23; 55; 56 or 52; 42 or 54; two years of mathematics, two of English, two of French or German, Social Science 1-2-3. In the junior and senior years he sould take Physics 53; 52 or 56; 58; Math. 41 and 141; Chemistry 1-2-3; English 59; four to five and one half electives; five to six additional courses in chemistry, mathematics, and physics.

Those students who plan to teach in public high schools should read the footnote at the bottom of page 152.

24-25. GENERAL PHYSICS (12).

A six-hour double course covering general physics in two quarters. Identical with Physics 21-22-23 in subject matter, textbook, total credit, and prerequisite work.

Part I. Mechanics of solids, liquids, and gases; Heat and Sound. *Winter quarter.*

Part II. Electricity and Magnetism, Light. *Spring quarter.*

NOTE: Both parts must be completed in order to secure any credit.

Five lecture and three laboratory hours a week. Laboratory fee, $4.00 a quarter. Lectures: Professor Stuhlman; Laboratory: Professor Fussler; Assistants.

41. ASTRONOMY (5).

A general course in descriptive and historical astromomy; lectures and recitations, with use of lantern slides, star-maps, telescope, and other instruments. Text: Duncan, *Astronomy. Five hours a week with occasional observations, spring quarter.* Professor Fussler.

42. RADIO (5). Prerequisite, to be determined by the instructor.

Designed for amateurs and students with majors in science. Properties of electron tubes and photocells; study of basic circuits and measuring devices; transmission and reception. Television, sound movies, and industrial applications. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $3.00.* Professor Ruark.

45. PHOTOGRAPHY (3).

A general course for amateurs, art students, prospective teachers, and others interested in photography. Study of cameras and other photographic equipment. Picture taking, developing, printing, enlarging, portraiture, technique of photographing art objects under various conditions, composition, color photography. For students attaining a reasonable mastery of the technical phases of photography, Professor Russell Smith of the Art Department will be available for instruction and consultation in photographic composition over a period of two weeks or more. Text: Mees, *Fundamentals of Photography. One lecture and four laboratory hours a week, fall quarter. Laboratory fee, $5,00.* Dr. Shearin.

51. X-RAY TECHNIQUE: BIOPHYSICS (6). Prerequisite, Physics 21-22-23 or 24-25.

Laboratory work in roentgenographic technique. Physical aspects of X-ray tubes and high voltage generators. Dosimetry. Primarily for students who will enter the medical profession. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $15.00.* Professor Stuhlman

52. MECHANICS (5). Prerequisite, Physics 1-2-3 or 21-22-23 or 24-25; S.B. students consult footnote, page 201.

TEXT: Ericson, *Elements of Mechanics, Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $3.00.* Professor Fussler.

53. OPTICS (5). Prerequisite, Physics 1-2-3 or 21-22-23 or 24-25; S.B. students consult footnote, page 201.

Geometrical and physical optics. Text: Robertson, *Introduction to Physical Optics. Four lecture and two laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Professor Stuhlman.

54. MODERN DEVELOPMENTS IN PHYSICS (5). Prerequisite, Physics 1-2-3 or 21-22-23 or 24-25, except by permission.

Particularly for students majoring in other fields, who wish a knowledge of twentieth-century physics. *Five hours a week, spring quarter.* Professor Wheeler.

55. ELECTRICITY AND MAGNETISM (5). Prerequisite, Physics 1-2-3 or 21-22-23 or 24-25; S.B. students consult footnote, page 201.

A course suited to the needs of students in all sciences. Laboratory work including the use of direct current instruments, alternating current phenomena, and radio experiments. Text: Loeb, *Fundamentals of Electricity and Magnetism. Four lecture and two laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Professor Fussler.

56. HEAT (5). Prerequisite, Physics 1-2-3 or 21-22-23 or 24-25; S.B. students consult footnote, page 201.

Temperature measurements, calorimetry, radiation, heat conduction, elements of kinetic theory of gases and of thermodynamics. Text: Barton, *Heat. Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $3.00.* Professor Plyler.

57. BIOPHYSICS (5). Prerequisite, Physics 21-22-23 or 24-25.

Especially for students who expect to enter the medical profession. Physics of the human sense organs; illumination, radiant energy, colorimetry, the optical system of the microscope; audiometry, medical applications of electricity; molecular physics in relation to biology. *Two lecture, one discussion, and four laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Professor Stuhlman.

58. SOUND (5). Prerequisite, Physics 1-2-3 or 21-22-23 or 24-25, and 55 or 52.

Sound measurements, applications to sound reproducers and recorders; sound ranging, supersonic waves, the physics of musical instruments, the human ear and its defects. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $3.00.* Dr. Shearin.

91, 92. RESEARCH FOR SENIORS (5 each).

Laboratory fee, $5.00. Professors Fussler, Plyler, Ruark, Stuhlman.

Courses for Graduates and Advanced Undergraduates

101. INTRODUCTION TO MATHEMATICAL PHYSICS (5). Prerequisite, Calculus and one of the following: Physics 52, 53, 55, 56.

Mathematical treatment of dynamics, statistical mechanics, thermodynamics, and electricity. Text: Page, *Introduction to Theoretical Physics. Five hours a week, fall quarter.* (1938-1939 and alternate years.) Professor Plyler.

105. INDUSTRIAL PHYSICS (5). Prerequisite, three of the courses Physics 52, 53, 55, 56, 58, except by permission.

Studies of the use of physics for manufacturing control and research in industry. *Five hours a week, fall quarter.* Professor Ruark.

106. PHYSICAL MEASUREMENTS AND TECHNIQUES (5). Prerequisite, three of the courses Physics 52, 53, 55, 56, 58, except by permission.

Work on precision instruments and important research procedures, such as vacuüm technique, ionization measurements, and use of spectrographic equipment; oscillographic studies and electron tube applications. *Ten laboratory hours a week, winter quarter. Laboratory fee, $3.00.* Professor Ruark; other members of the staff.

110. PHYSICAL MECHANICS (5). Prerequisite, Calculus and one of the following: Physics 52, 53, 55, 56.

Lectures, problems. Text: Lindsay, *Physical Mechanics.* Required of all candidates for advanced degrees in physics. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Plyler.

120. HEAT AND INTRODUCTORY THERMODYNAMICS (5). Prerequisite, Calculus and one of the following: Physics 52, 53, 55, 56.

Conduction of heat, kinetic theory, and thermodynamics. More advanced and detailed than Physics 56, with emphasis on theory rather than experiment. Text: Saha and Srivastava, *Heat.* (1938-1939 and alternate years.) *Four lecture and two laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Professor Plyler.

140. ELECTRICITY AND MAGNETISM (5). Prerequisite, Calculus and one of the following: Physics 52, 53, 55, 56.

Electrostatics, electrodynamics, and magnetic phenomena. Text: Page and Adams, *Principles of Electricity.* (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Plyler.

141. ADVANCED ELECTRICITY AND MAGNETISM (5). Prerequisite, Physics 140.

Continuation of Physics 140, with laboratory work, including high frequency measurements. Text: Page and Adams, *Principles of Electricity.* (1939-1940 and alternate years.) *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $3.00.* Professor Plyler.

150. PHYSICAL OPTICS (5). Prerequisite, Calculus and one of the following: Physics 52, 53, 55, 56.

Diffraction, interference, polarization, resonance radiation, scattering, emission, and absorption; the electromagnetic theory of light. Text: Wood, *Physical Optics.* (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Wheeler.

153. OPTICS (5). Prerequisite, Physics 21-22-23 or 24-25.

Identical with Physics 53, except that additional laboratory work and problems are required of graduate students enrolling in 153. *Four lecture and four laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Professor Stuhlman.

160. ELECTRONICS AND ATOMIC PHYSICS (5). Prerequisite, Calculus and one of the following: Physics 52, 53, 55, 56.

Ionization phenomena; the electron and other elementary particles, photo-electric effect, thermionics, isotopes, elementary quantum theory, absorption and emission of radiant energy. Zeeman and Stark effects, X-rays, wave properties of matter, radioactivity. Text: Harnwell and Livingood, *Experimental Atomic Physics. Five hours a week, winter quarter.* Professor Stuhlman.

161. RADIOACTIVITY (5). Prerequisite, Calculus and one of the following: Physics 52, 53, 55, 56.

Radioactive elements and their radiations; neutrons, positrons, artificial disintegration, artificially radioactive elements; their use as chemical indicators; cosmic rays. Text: Rutherford, Chadwick and Ellis, *Radioactive Substances and their Radiations.* (1939-1940 and alternate years.) *Three lecture and four laboratory hours a week, fall quarter.* Professor Wheeler.

170. X-RAYS (5). Prerequisite, Calculus and Physics 53, 55, and 160, except by permission.

Optical properties of X-rays, absorption and scattering, X-ray spectra, energy levels, and transition probabilities; crystal structure determination with X-rays and electron waves; industrial applications. Text: Compton and Allison, *X-Rays in Theory and Experiment.* (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Ruark.

Courses for Graduates

201. BOUNDARY PROBLEMS IN CLASSICAL PHYSICS (5). Prerequisite, Mathematics 141, 171; Physics 140, and either 101 or 110; Mathematics 221 is desirable.

Unified treatment of the partial differential equations of physics; their solution by orthogonal functions; potential theory; operational methods; integral equations. Text: Webster, *Partial Differential Equations of Mathematical Physics.* (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Ruark.

220. KINETIC THEORY AND STATISTICAL MECHANICS (5). Prerequisite, Mathematics 141; Physics 120, except by permission.

Ideal gases, Maxwell's law, conduction in gases, viscosity, flow in tubes. Classical and quantum statistics; elementary applications of the latter, leading up to the more detailed Physics 271. Text: Loeb, *Kinetic Theory of Gases.* (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Plyler.

222. THERMODYNAMICS (5). Prerequisite, Mathematics 141; Physics 120, except by permission.

Continuation of Physics 120 with numerous applications. Free energy, Nernst heat theorem, equilibria, applications to solutions and systems with several variables (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Plyler.

240. THEORY OF ELECTRICITY AND MAGNETISM (5). Prerequisite, Mathematics 141; Physics 140, 141.

Solution of electrostatic problems by conjugate functions and spherical harmonics. Steady states and transients in networks and cables. The field equations; moving charges, radiation. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Ruark.

260. ATOMIC AND MOLECULAR STRUCTURE (5). Prerequisite, Calculus; Physics 53 (or 153), 101 or 110, 160, except by permission.

Experimental foundations of quantum mechanics; elementary wave mechanics, quantum interpretation of atomic and molecular spectra. Text: Ruark and Urey; *Atoms, Molecules, and Quanta.* (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Wheeler.

261. QUANTUM MECHANICS, PART I (5). Prerequisite, Mathematics 141; Physics 260. Mathematics 221 is desirable.

General methods of quantum mechanics, perturbation theory; detailed study of atomic spectra; scattering problems, dispersion theory. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Reuark.

262. QUANTUM MECHANICS, PART II (5). Prerequisite, Physics 261.

Statistical methods of treating atomic and molecular problems; relativistic quantum mechanics of the electron; absorption and emission of radiation; quantum theory of the electromagnetic field. Text: Frenkel, *Wave Mechanics, Vol. II.* (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Wheeler.

263. BAND SPECTRA (5). Prerequisite, Mathematics 141; Physics 160.

Experimental methods; theoretical study of diatomic and polyatomic molecules as revealed by molecular spectra; emphasis on infrared spectra. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Plyler.

264. SPECTROSCOPY OF THE INFRARED (5). Prerequisite, Mathematics 141; Physics 53.

Detailed study of radiation sources, photographic work, detectors, prism and grating spectrometers. (1939-1940 and alternate years.) *Two lecture and six laboratory hours a week, spring quarter.* Professor Plyler.

267. CURRENT ADVANCES IN PHYSICS (5). Prerequisite, Mathematics 141; Physics 160.

Lectures and discussions on selected fields of physics which are advancing rapidly. *Five hours a week, winter or spring quarter.* Professor Ruark.

268. NUCLEAR PHYSICS (5). Prerequisite, Physics 160 and 161, except by permission.

Theory of artificial and radioactive disintegrations; gamma rays and positrons; nuclear energy levels; theory of nuclear structure. Reports on outside reading of recent research. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Wheeler.

271. THEORY OF THE SOLID AND LIQUID STATES (5). Prerequisite, Mathematics 141; Physics 120.

The crystalline state; properties of metals from the standpoint of quantum statistics; spectra of liquids and solids; Debye-Hückel theory of electrolytes; problems and reports. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Wheeler.

301. RESEARCH (5 or more).

Under this heading may be credited the work of a single quarter or that of one or more years. Theoretical or experimental work on a subject approved by the departmental staff. Reading knowledge of German required. *Ten or more laboratory or computation hours a week, any quarter.* Professors Fussler, Plyler, Ruark, Stuhlman, Wheeler.

NOTE: Advanced instruction in DYNAMICS is provided by Mathematics 216 (Professor Hobbs), which may be taken for credit in either mathematics or physics.

*DEPARTMENT OF POLITICAL SCIENCE

Professors: W. W. PIERSON, H. M. WAGSTAFF, E. J. WOODHOUSE, K. C. FRAZER.
Associate Professors: **W. S. JENKINS, C. B. ROBSON, P. W. WAGER, ***J. W. FESLER.
Acting Associate Professor: C. H. CHUTE.
Acting Assistant Professor: E. A. MAUCK.
Instructors: HENRY BRANDIS, JR., E. C. GASS.
Teaching Fellow: W. H. WILLIAMS.
Assistant: ARCHIBALD HENDERSON, JR.

Courses for Undergraduates

31-32-33. INTRODUCTION TO POLITICAL LIFE—LOCAL, NATIONAL AND INTERNATIONAL (9).

A survey of the institutions and problems of political life in the local area, the state, the nation, and the international community. The emphasis is on the actual and vital relations between the citizen and government with a view to stimulating an intelligent and thoughtful interest in the politics of the present. Each member of the department lectures in the field of his specialization and there is directed reading and written work on the basis of a syllabus prepared coöperatively. The student will not be required to buy a text-book but will pay a book fee of one dollar ($1.00) a quarter. Sophomore elective. *Three hours a week through the year.* Professors Robson, (chairman), Pierson, Wagstaff, Woodhouse, Frazer, Jenkins, Fesler; Mr. Williams.

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* The requirements for A.B. with a major in Political Science are as follows: Political Science 31-32-33 in the General College, or the equivalent, and in addition six courses distributed according to the following plan. One course from each of the following groups: 1) United States Government (Political Science 51, 101, 155, 181); 2) foreign governments (52, 121, 154); 3) political theory (91, 151, 165, 166); 4) international politics (141, 142, 143). Two courses from one of the following groups for specialization: local state government, administration and public law, theory and jurisprudence, international law and relations, and foreign governments. In addition to these courses in the Department, the student undertaking a major will be required to take five to seven courses in other departments of the Division of the Social Sciences and five to seven courses in departments outside the Division. In case the student has not taken Political Science 31-32-33, Political Science 51-52 will be required; this will be credited in the major program only as a substitute for 31-32-33.

** Not in residence, fall quarter, 1937.

*** Absent on leave, 1937-1938.

41-42. INTRODUCTION TO POLITICAL LIFE—LOCAL, NATIONAL, AND INTERNATIONAL (10).

Same as Political Science 31-32-33 above in content, but given as a double course in two quarters. *Five hours a week, winter and spring quarters.* Professor Robson.

51. THE GOVERNMENT OF THE UNITED STATES (5).

An intensive study of the constitutional basis, the historical development, the organization, operation, and problems of the federal government of the United States. Textbooks, lectures, readings, and reports. *Five hours a week, each quarter.* Professors Jenkins, Frazer, Mauck.

52. THE GOVERNMENTS OF EUROPE (5).

A study of the principal governments of Europe including Great Britain, France, Germany, Italy, and Russia. Special attention is given to comparisons and contrasts among these governments and with government in the United States. Textbooks, lectures, readings, and reports. *Five hours a week, winter or spring quarter.* Professor Robson.

61. TAX ADMINISTRATION (5).

A brief survey of the major federal, state, and local taxes, with emphasis on administrative practices, and with particular emphasis on material, largely gathered in field studies, dealing with the administration of tax laws in North Carolina. *Five hours a week, spring quarter.* Mr. Brandis.

81. AMERICAN STATE GOVERNMENT (5).

A study in the principles, organization, and administrative methods of state government. In connection with the course will be a special study of the government of North Carolina. Lectures, readings, and reports. *Five hours a week, fall or spring quarter.* Professor Jenkins.

86. INTERNATIONAL RELATIONS AND WORLD POLITICS (5).

This course is designed to serve as an introduction to the study of international affairs. Its purpose is to lay the foundations for a general knowledge of the subject. *Five hours a week, spring quarter.* Professor Frazer.

91. PHILOSOPHY OF THE STATE (5).

For description see Philosophy 91. Prerequisite, if taken for credit toward major in Political Science, Political Science 31-32-33, or Political Science 51-52, or equivalent. Professor Thomas (of the Department of Philosophy).

Courses for Graduates and Advanced Undergraduates

101. PUBLIC ADMINISTRATION (5).

General problems and principles of public administration. Structural problems: the separation of powers, organization of administrative agencies, areal problems of administration. Personnel problems: recruitment, promotion, removal, classification, civil servant unions. Financial problems: budgeting, auditing, purchasing, taxing, borrowing. Administrative law: growth and significance of administrative legislation and adjudication. *Five hours a week, fall quarter.* Professors Fesler, Mauck.

121. THE GOVERNMENT OF ENGLAND (5).

The objective of this course is a knowledge of the development and operation of the English government. Local, national, and imperial aspects of England's governmental practice will receive attention. Resemblances and contrasts between her government and that of our own country will be pointed out for the practical lessons which the parallel supplies. Lectures and readings. *Five hours a week, fall quarter.* Professor Wagstaff.

122. GOVERNMENT AND ADMINISTRATION OF EUROPEAN CITIES (5).

A general consideration of principles and methods of social control in the municipalities of Great Britain, France, and Germany, with some attention to those of other nations. Comparisons with American conditions. *Five hours a week, spring quarter.* Professor Woodhouse.

132. AMERICAN MUNICIPAL GOVERNMENT (5).

A historical survey of the development of governmental structure, theory, and functions in American municipalities, and careful analysis of existing municipal conditions, with special attention to city and town government in North Carolina. Each student will make an intensive study of his own or some other city or town. *Five hours a week, fall quarter.* Professor Woodhouse.

133. AMERICAN MUNICIPAL ADMINISTRATION (5).

Special study of the principles and problems of administration in American municipal corporations of such functions as police, public education, charities and correction, local improvements, public health, finances, with emphasis on city and town administration in North Carolina. Each student will select and study exhaustively a municipal problem in one municipality. *Five hours a week, winter quarter.* Professor Woodhouse.

134. COUNTY GOVERNMENT AND ADMINISTRATION (same as Rural Economics 134) (5).

A study of the forms of organization, the functions, and the operation of county government in the United States and especially in North Carolina in their historical development, but with special emphasis on present conditions and tendencies and on possible improvements. Each student will be required to study, as extensively and intensively as possible, the government and administration of one county, preferably his home county, and to put his results into essay form. Textbooks, lectures, and readings. *Five hours a week, winter quarter.* Professor Wager.

141. INTRODUCTION TO INTERNATIONAL LAW (5).

A general survey of the history, the sources, and the content of international law. *Five hours a week, fall quarter.* Professor Frazer.

142. INTERNATIONAL ORGANIZATION AND INSTITUTIONS (5)

A study of all important international governmental institutions. The administrative unions, the League of Nations, and the international courts are examined and discussed. Lectures, readings, and reports. *Five hours a week, winter quarter.* Professor Frazer.

144. THE ORGANIZATION AND CONDUCT OF THE FOREIGN RELATIONS OF THE UNITED STATES (5).

The machinery of foreign relations, organs for conduct, and the foreign service are analyzed and discussed. Foreign policies are discussed from the standpoint of of their formation and content. *Five hours a week, spring quarter.* Professor Frazer.

151-152. THE ELEMENTS OF POLITICAL SCIENCE (10).

A general course in which a study is made of the principles of political science and of the important theories respecting the nature, origin, forms, and ends of the state and of government. An examination of the literature of the subject will be made, supplemented by students' reports on selected political theorists. Lectures, textbooks, and readings. *Five hours a week, fall and winter quarters.* Professor Pierson.

154. DEVELOPMENT OF THE ENGLISH CONSTITUTION (5).

A general course surveying the origin and development of the constitutional machinery of the British monarchy. Emphasis will be laid on the successive constitutional landmarks from the Norman Conquest to the Parliament Act of 1911. Lectures, textbooks, and readings. *Five hours a week, winter quarter.* Professor Wagstaff.

155. THE CONSTITUTION OF THE UNITED STATES (5).

A course in constitutional law covering by means of lectures, textbooks, and cases the fundamental principles of constitutional interpretation and practice in the United States. *Five hours a week, winter quarter.* Professor Jenkins.

156. CONTEMPORARY PROBLEMS IN GOVERNMENT (5).

A study of the present organizations and actual operations of our national and state governments through the day to day acts of their departments as reported in the United States Daily, other newspapers, periodicals, and available official reports. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor Woodhouse.

157. HISTORICAL JURISPRUDENCE I (5).

Ancient and medieval law; brief study of Egyptian, Babylonian, Greek, and Hebrew law, chiefly in their methods and agencies of formulation and administration; detailed study of the historical evolution of Roman law, of its fate during the Middle Ages, and of its spread and influence in the Modern World; some consideration of the parts played in medieval Europe by the Germanic, Slavonian, and Celtic legal systems. *Five hours a week, winter quarter.* Professor Woodhouse.

158. HISTORICAL JURISPRUDENCE II (5).

Anglo-American law; historical study of the development of English law, legislation, courts, and court procedure from the Anglo-Saxon Conquest of England to the settlements in North America by the English; and of the evolution of the legal system in these English colonies and in the United States to the present day. *Five hours a week, spring quarter.* Professor Woodhouse.

159. THE BRITISH EMPIRE (5).

A study of the structure of the British Empire, its evolution into a British Commonwealth of Nations, and an examination of the bonds which hold it together. *Five hours a week, spring quarter.* Professor Wagstaff.

165 (153). POLITICAL THOUGHT OF THE EIGHTEENTH CENTURY (5).

An analysis of the development of liberal and democratic political thought, with emphasis on the ideas of the American and French Revolutions. Lectures and reports. *Five hours a week, winter quarter.* Professor Pierson.

166. POLITICAL THOUGHT OF THE NINETEENTH CENTURY (5).

An anlysis of the development of the theory of constitutional democracy together with an examination of the principal lines of criticism of that form of government which were presented in the century. *Five hours a week, spring quarter.* Professor Robson.

175. POLITICAL PARTIES AND PUBLIC OPINION (5).

History, organization, and policies of major and minor parties; nominating systems; ballot and election laws; party finance; political machines; influence of party upon executive and legislative branches of government. Special emphasis upon the relation of party to administration and to current American politics. Lectures, readings, and reports. *Five hours a week, fall quarter.* Professor Woodhouse.

181. RECENT NATIONAL POLICY AND ADMINISTRATION (5).

The governmental problems faced by the New Deal, and the solutions attempted through the NRA, AAA, RFC, TVA, and similar agencies. Particular attention will be devoted to administrative aspects of the New Deal: conflicts of policy among the new agencies, growth of governmental corporations, recruiting of personnel, budgetary problems, and the increased delegation of legislative power to administrative agencies. *Five hours a week, spring quarter.* Professor Fesler.

The following courses offered by the Department of Economics, will receive credit in Political Science in fulfilment of requirements for undergraduate and graduate majors: Economics 141. Public Finance (5). Professor Heer; Economics 142. Fiscal Organization and Administration (5). Professor Heer; Economics 143. Problems in Public Finance (5). Professor Heer; Economics 197. Government and Business (5). Professor Hobbs.

Courses for Graduates

221. ADMINISTRATIVE LAW (5).

A study of the growth of legislation and adjudication by administrative agencies; its relation to the traditional theory of separation of powers; the extent of judicial control over administrative action in such fields as utility regulation, taxation, the exclusion and expulsion of aliens. Reports on particular administrative agencies. *Five hours a week, winter quarter.* Professors Fesler, Chute.

231. THE LEGISLATIVE PROCESS (5).

A course dealing with the theory and practice of legislation in the United States, with a comparative study of law-making in the governments of other countries. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Jenkins.

235. THE JUDICIAL PROCESS. (5)

A course treating of the structure, practice, and theory of the judicial branch of governments in the British Empire and the United States. (Offered in 1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Jenkins.

241. INTERNATIONAL LAW (5).

The materials of international law will be examined, Leading cases, treaties, and international legislative acts constitute the subjects of study. *Five hours a week, winter quarter.* Professor Frazer.

301abc. MODERN INTERNATIONAL RELATIONS (9).

Seminar. An analysis will be made of the major problems of international relations. Emphasis will be placed upon the elements of nationalism and internationalism, imperialism, and the settlement of international disputes. *Conferences, two hours a week, fall, winter, and spring quarters.* Professor Frazer.

305. SEMINAR IN COUNTY ADMINISTRATION (Same as Rural Social-Economics 305) (5). Prerequisite, Political science 134, or two other courses in Political Science.

Research, reading, and conferences on special phases of county organization and administration. *Five hours a week, fall or winter or spring quarter.* Professor Wager.

311abc. AMERICAN POLITICAL THEORY (10).

A seminar course respecting the policital philosophy which has been developed in the United States. In the fall quarter the political theory of the colonial period and the American Revolution will be studied; in the winter quarter attention will be given to the theories associated with the formation of the Constitution and its early interpretation, the nature of the Union, and the slavery dispute; in the spring quarter the political theory of the Civil War and the contemporary United States will be considered. Lectures, readings, reports. *Conferences, two hours a week, fall, winter, and spring quarters.* Professor Pierson.

321abc. STATE AND LOCAL GOVERNMENT (9).

Seminar course respecting the various functions, organs, and problems of public administration in the States and in their sub-divisions. Comparison of various attempts to reorganize the state administrative system. *Conferences, two hours a week, fall, winter, and spring quarters.* Professor Woodhouse.

341. SEMINAR COURSE (5).

A research course in a special field under the direction of a member of the department.

342. SEMINAR ON SELECTED PROBLEMS IN ECONOMICS, POLITICAL SCIENCE, AND SOCIOLOGY (3).

Political, social, legal, and technical assumptions of nineteenth century liberal capitalism. *Two and one-half hours fortnightly, fall and winter quarters.* Visiting Professor vonBeckerath.

*DEPARTMENT OF PSYCHOLOGY

Professors: J. F. DASHIELL, H. W. CRANE, ENGLISH BAGBY.
Assistant Professors: A. G. BAYROFF, R. J. WHERRY.
Instructors: D. K. SPELT, A. C. CORNSWEET, H. M. MACPHEE.
Teaching Fellow: R. L. BOLTON.
Assistants: MILDRED C. MENDENHALL, DOROTHY RETHLINGSHAFER.

21-22-23. GENERAL PSYCHOLOGY (12).

The aim of the course is to present the essential phenomena of psychology as an experimental natural science. Emphasis is placed on the organic relationships within the whole field and upon some crucial problems of daily life. Lectures, textbooks, laboratory. Sophomore elective. *Three lecture and demonstration hours and two laboratory hours a week, throughout the year. Laboratory fee, $2.00 a quarter.* Professors Bagby, Wherry; Messrs. Spelt, Cornsweet, MacPhee, Bolton.

24-25. GENERAL PSYCHOLOGY (12).

Identical in content with sequence 21-22-23, but arranged in a two-quarter sequence. *Five lecture and demonstration hours and four laboratory hours a week, winter and spring quarters. Laboratory fee, $3.00 a quarter.* Professor Bayroff.

NOTE: General Psychology is prerequisite for all other courses in the department.

Courses for Graduates and Advanced Undergraduates

125. ANIMAL BEHAVIOR (5).

A survey of behavior in the various phyla, followed by a critical survey of experimental problems concerning vertebrates including man. The course is of general psychological character, emphasizing central concepts. Typical experiments. (1939-1940 and alternate years.) *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $2.00.* Professor Bayroff; Mr. Cornsweet.

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* For A.B. with a major in Psychology as a Natural Science two programs are offered. In each the student is required to take six courses chosen from the allied fields of mathematics, physics, zoölogy, and the School of Medicine. Required courses in the Major Department are in the first program (for students with more general interests); 190 and 151 or 152 or 153, with any four undergraduate courses exclusive of 21-22-23 or 24-25; in the second group (for students with applied interests); 146, 147, and 151 or 152 or 153, with three additional courses selected from 126, 135, 136, 138, 140 and 145.

For A.B. with major in Psychology as a Social Science: six courses within the Department of Psychology, including 190 and 151, or 152, or 153; 6 courses in other social sciences, preferably economics, education, philosophy, and sociology; 6 elective from outside the Division of the Social Sciences, preferably in mathematics, physics, and zoölogy.

126. CHILD DEVELOPMENT (5).

A survey of experimental and clinical contributions to the contemporary field of child development, including foetal, neonate, pre-school, school, and adolescent ages. Experimental observations. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $1.50.* Professor Dashiell; Mr. MacPhee.

130. ELEMENTARY PSYCHOLOGICAL STATISTICS (5).

Measures of distribution, reliability, simple correlation, and regression. Training given in graphic work and use of statistical machines. The use and misuse of statistical methods in handling psychological problems are stressed. *Three lecture and four laboratory hours a week, fall quarter. Laboratory fee, $1.00.* Professor Wherry.

135. ECONOMIC PSYCHOLOGY: PERSONAL AND PUBLIC RELATIONS (5).

Psychological problems of business and industry as they relate to the employer, the employee, and the public. An intensive survey of problems, prediction, and control. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $1.50.* Professor Wherry.

136. ECONOMIC PSYCHOLOGY: ADVERTISING (5).

A presentation of those aspects of psychology which will aid the advertiser both in his detailed problems and in developing general technique. (1939-1940 and alternate years.) *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $2.00.* Professor Crane.

138. LEGAL PSYCHOLOGY (5).

Some of the major problems of a psychological nature with which the law is concerned. The method will be that of a natural science approach leading ultimately to implications of practical legal character. Readings, lectures, and experiments. *Five hours a week, spring quarter. Laboratory fee, $2.00.* Professor Dashiell.

140. THE PSYCHOLOGY OF PERSONALITY (5).

This course is concerned primarily with the factors which determine the form and quality of the human personality. *Five hours a week, winter quarter.* Professor Bagby.

144. MENTAL HYGIENE (5).

A genetic approach to adult behavior problems is stressed, including sources of faulty and adequate behavior in relation to factors found in infancy, pre-school, school, and adult periods. Illustrative case material is used throughout with direct applications to problems of the social service worker, and also the parent and the educator. *Five hours a week, winter quarter.* Professor Crane.

145. ABNORMAL PSYCHOLOGY: FEEBLE-MINDEDNESS (5).

Presentation of the psycho-neural aspects of feeble-mindedness together with its importance in relation to the problems of education, dependency, and delinquency. (1938-1939 and alternate years.) *Five hours a week, winter quarter. Laboratory fee, $1.00.* Professor Crane.

146. ABNORMAL PSYCHOLOGY: PSYCHONEUROSES AND PSYCHOSES (5).

Attention is given to abnormalities and to their occurrence in various specific psychoses. *Five hours a week, spring quarter. Laboratory fee, $1.00.* Professor Crane.

147. ABNORMAL PSYCHOLOGY: METHODS OF MENTAL EXAMINATION (5).

A presentation of the various psychological methods used in the clinical study of individuals, including specialized defects as well as intelligence. Lectures, experiments, readings. *Four lecture and two laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Professor Crane; Assistants.

151, 152, 153. ORIGINAL PROBLEMS (5 each).

To the student who finds himself especially interested in some patricular problem of psychology, opportunity is here offered for experimental, clinical, or statistical study. May be elected any quarter. *One lecture and eight laboratory hours a week, fall, winter, or spring quarter. Laboratory fee, $3.00 a quarter.* Professors Dashiell, Crane, Bagby, Wherry, Bayroff.

190. HISTORICAL AND CONTEMPORARY TRENDS (5).

An historical survey, followed by readings in Titchener, James, Watson, Freud, Köhler, and others. Open only to graduate students and to seniors who have a major in psychology; required of all candidates for degrees in psychology. *Five hours a week, fall quarter.* Professor Dashiell.

Courses for Graduates

201, 202. EXPERIMENTAL PSYCHOLOGY (5 each).

Surveys of problems and training in laboratory procedures. Course 201 will cover: psychophysics, sensory qualities, perception, attention, reaction time, feeling, and emotion. Course 202 will cover: acquisition of skills, memorizing, conditioning, problem solving, thought, and fatigue and efficiency. Courses 201 and 202 to be offered in alternate years. *One lecture and nine laboratory hours a week, fall quarter. Laboratory fee, $3.00.* Professors Dashiell and Bayroff.

205. PHYSIOLOGICAL PSYCHOLOGY (5).

An intensive study is made. Emphasis is placed upon the neural mechanism as a basis of understanding both the mental and the reaction phenomena of psychology. (1939-1940 and alternate years.) *Equivalent of six hours a week, winter quarter. Laboratory fee, $3.00.* Professor Crane; Mr. Spelt.

208. SOCIAL PSYCHOLOGY (5).

The reading assignments deal primarily with experimental techniques and findings. The lectures include a brief historical survey and an attempt to identify the psychological processes underlying familiar social phenomena. *Five hours a week, winter quarter.* Professor Bagby.

230. ADVANCED PSYCHOLOGICAL STATISTICS (5).

Intensive studies of analysis by correlation, techniques for selection, criteria, reliability, and curve fitting. For students interested in advanced statistical research. *Three lecture and four laboratory hours a week, winter quarter. Laboratory fee, $1.00.* Professor Wherry.

234. MATHEMATICAL PSYCHOLOGY (5).

A survey of psychophysical methods, sensation theories, measurement of attitudes. factor analysis, learning and growth curves, topology, and mathematical biophysics. *Three lecture and four laboratory hours a week, spring quarter.* Professor Wherry.

251, 252, 253. RESEARCH IN PSYCHOLOGY (5 each). Prerequisite, Psychology 201 or 202.

Opportunity will be given for the experimental investigation of special problems along the line of the individual student's interests. *Ten laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 a quarter.* Professors Dashiell, Crane, Bagby, Wherry, Bayroff.

325. SEMINAR (5).

An advanced course devoted to the extensive or intensive survey of current or of historical material bearing upon some limited problem or field of psychology. The problem studied will be varied from year to year. *Five hours a week, fall or winter or spring quarter, to be specially announced.* Professor Dashiell.

341-342. ADVANCED RESEARCH (10).

Experimental or clinical research to be done by advanced graduate students only. *Ten laboratory hours a week, any two quarters.* Professors Dashiell, Crane, Bagby, Wherry, Bayroff.

The student is referred also to courses in Educational Psychology, to courses in Neurology, Anatomy, and Physiology, and to courses in Statistics, listed in other departments of the University.

DEPARTMENT OF ROMANCE LANGUAGES

Professors: W. M. DEY, S. E. LEAVITT, U. T. HOLMES, N. B. ADAMS, H. R. HUSE, J. C. LYONS (Secretary).
Associate Professors: H. H. STAAB, R. S. BOGGS, S. A. STOUDEMIRE, W. L. WILEY.
Assistant Professor: R. W. LINKER.
Instructors: J. L. SMITH, T. E. WRIGHT, J. E. CARROLL, F. C. HAYES, W. D. CREECH, W. R. WEAVER, A. G. ENGSTROM, W. A. McKNIGHT, L. L. BARRETT, R. D. WHICHARD, C. DE W. ELDRIDGE, E. D. HEALY.
Teaching Fellows: R. G. LEWIS, E. F. MOYER, E. D. TURNER, JR.

*FRENCH

Courses for Undergraduates

1-2-3. ELEMENTARY AND INTERMEDIATE FRENCH (9).

A course running through three quarters, designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate French (11-12-13). The completion of French 1-2-3 gives credit for Intermediate French. *Six hours a week, through the year.* Professors Lyons, Wiley, Linker; Messrs. Smith, Wright, Carroll, Creech, Engstrom, Whichard, Eldridge, Healy, Lewis, Moyer.

NOTES: No student is permitted to take French 1 or 2 or 3 and Spanish 1 or 2 or 3 at the same time.

Attention is called to French 14-15-16, designed for upperclassmen who have fulfilled the requirements in another foreign language.

11-12-13. INTERMEDIATE FRENCH (9).

A course running through three quarters, designed for those who show evidence of adequate preparation. Freshman and Sophomore elective. *Three hours a week, through the year.* Professors Huse, Staab, Wiley, Linker; Messrs. Smith, Wright, Carroll, Creech, Engstrom, Whichard, Healy.

14-15-16. SPECIAL COURSE FOR ADVANCED STUDENTS (9).

A course for beginners open only to those who desire an introduction to a second foreign language and who give evidence of being especially qualified for such study. Sophomore elective. *Three hours a week, through the year.* Professor Wiley.

21-22-23. ADVANCED FRENCH (9). Prerequisite, French 1-2-3, or 11-12-13, or the equivalent.

Masterpieces of French Literature with selected readings from representative authors. Sophomore elective. *Three hours a week, through the year.* Professors Dey, Huse, Lyons, Wiley, Linker; Messrs. Smith, Carroll, Creech, Engstrom, Whichard, Eldridge, Healy.

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* Students interested in having a major in French will please consult Dr. J. C. Lyons, Departmental Adviser.

Those students who plan to teach in public high schools should read the footnote at the bottom of page 152.

24-25. COMMERCIAL FRENCH (6). Open only to students who plan to enter the School of Commerce. Prerequisite, French 21.

The object of this course is to give the student practical training in modern French. Newspaper and magazine articles dealing with the life and customs of the country are read. Practice in social and commercial correspondence. French 25 is largely conducted in French. *Three hours a week, winter and spring quarters.* Professor Staab.

51. FRENCH CONVERSATION AND COMPOSITION (5). Prerequisite, French 23.

The object of this course is to provide students with an opportunity to acquire practice in spoken French. Discussion in French on subjects of general interest. Composition and outside reading. *Five hours a week, fall or spring quarter.* Professor Lyons.

52. FRENCH CIVILIZATION (5). Prerequisite, French 51.

A rapid survey of the history of France, with emphasis on political and economic developments necessary to an understanding of the present situation. History and discussion of French institutions, with some reference to the history of French art and French music. All lectures, discussions, and reports on collateral reading are in French. *Five hours a week, winter quarter.* Professor Lyons.

55. REVIEW OF GRAMMAR AND SYNTAX (5). Prerequisite French 23.

This course is primarily for teachers, and is open to juniors and seniors who intend to teach French. It consists of an intensive review study of the elements and fundamentals of French grammar and syntax. Before registering for this course, students must secure the permission of the instructor. *Five hours a week, winter quarter.* Mr. Smith.

71. FRENCH LITERATURE BEFORE 1800 (5). Prerequisite, French 23.

A survey of French literature from the beginnings to 1800, with special emphasis on the prose literature of the classical period. This course (together with French 72) is intended to provide undergraduate students with a comprehensive knowledge of French literature, and to serve as a background course for those who intend to do further work in the field. Open to juniors and seniors. *Five hours a week, fall or spring quarter.* Professors Huse, Lyons.

72. FRENCH LITERATURE OF THE 19TH AND 20TH CENTURIES (5). Prerequisite, French 71.

A continuation of the preceding survey course covering the period since 1800. This course alternates each quarter with French 71. Open to juniors and seniors. *Five hours a week, winter quarter.* Professors Dey, Wiley.

Courses for Graduates and Advanced Undergraduates

109. THE FRENCH NOVEL (5). Prerequisite, French 72.

A study of the development of the novel in France. Lectures, readings, reports. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Dey.

115. FRENCH LYRIC POETRY (5). Prerequisite, French 72.

A study of French lyric poetry, beginning with Villon. Lectures, readings, reports. *Five hours a week, spring quarter.* Professor Huse.

126. HISTORY OF THE FRENCH LANGUAGE (5). Prerequisite, French 72.

A general survey from the origins to the present day, with especial emphasis upon the period, 1500-1900: the influence of the Erudits, Préceiuses, Philosophes, and Romanticists; spelling reforms. *Five hours a week, winter quarter.* Professor Holmes.

131. THE FRENCH DRAMA PRIOR TO 1700 (5). Prerequisite, French 72.

A survey of the religious and comic theatres of the Middle Ages; the theatre of the Renaissance and its relation to the classic theatres of Greece and Rome; the neo-classic theatre of the 17th century. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Wiley.

132. THE FRENCH DRAMA SINCE 1700 (5). Prerequisite, French 72.

A survey of Modern French Drama with special attention to the theatrical principles and ideas of the different dramatic schools of the last two centuries. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Wiley.

145. FRENCH PHONETICS (5). Prerequisite, French 72.

A detailed study of the French vowel and consonant sounds by the phonetic method. This course is required of candidates with a major in French for the master's degree, and it should be elected by anyone who intends to teach French. *Five hours a week, fall quarter.* Professor Dey.

161. THE SIXTEENTH CENTURY (5). Prerequisite, French 72.

A general treatment of the chief movements in French literature of the 16th century, with some reference to the Italian Renaissance and its influence on France. Specimen readings from the more important poets and prose writers; Marot, Rabelais, the Pléiade, Montaigne, etc. *Five hours a week, spring quarter.* Professor Lyons.

171. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY (5). Prerequisite, French 72.

A study of the period of Henry IV and Louis XIII. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Lyons.

172. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY (5). Prerequisite, French 72.

This course deals with the literature of the reign of Louis XIV. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Lyons.

181. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY (5). Prerequisite, French 72.

Voltaire, Montesquieu, Rousseau, les Encyclopédistes. A study of the literary movement of the century and of the origins of romanticism. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Huse.

191. FRENCH ROMANTICISM (5). Prerequisite, French 72.

French literature from 1800 to 1850, with special stress on the works of the romantic poets, Lamartine, Hugo, Vigny, and Musset. Lectures, readings, reports. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Dey.

192. FRENCH LITERATURE SINCE 1850 (5). Prerequisite, French 72.

A study of the later literary movements of the 19th century, with some emphasis on the contemporary period. Lectures, readings, reports. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Dey.

CELTIC 105. MIDDLE IRISH (5).

Grammar and reading of texts. Dottin, *Manuel de l'Irlandais Moyen*, *Táin Bó Cuailnge* (Supplement to *Eriu*). *Five hours a week, winter quarter. Professor Holmes.*

Courses for Graduates

221-222-223. OLD FRENCH (15.)

Reading of the oldest texts: La Chanson de Roland; Aucassin et Nicolette; Chrétien de Troyes. Lectures on French phonology and morphology. *Five hours a week, fall, winter, and spring quarters.* Professor Holmes.

225. PROVENCAL (5).

A study of the ancient language and literature of Provence. The poetry of the Troubadours. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

231. FRENCH SYNTAX (5).

The most important phases of modern French syntax studied from a historical point of view. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Dey.

248. FRENCH LITERATURE OF THE 14TH AND 15TH CENTURIES (5). Prerequisite, French 221 or 265.

A combination of literary survey and reading course. Especial attention will be paid to Villon, who will be read in entirety with commentary. General treatment of such writers as Machaut, Froissart, Christine de Pisan, etc. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

265-266. FRENCH LITERATURE OF THE RENAISSANCE (10).

A study of French Literature of the 16th century. Italian and French Humanism. The reformation. Marot, Rabelais, Calvin, the Pléiade, Montaigne. (1938-1939 and alternate years.) *Five hours a week, winter and spring quarters.* Professor Lyons.

331. HISTORY OF FRENCH LITERATURE PRIOR TO 1300 (5).

Lectures and seminar papers. A complete and careful study of the origins of French literature, with emphasis upon the twelfth century Renaissance, the period of the epics, beginning of romances, etc. French 221 is desired, though not prerequisite. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

391. STUDIES IN ROMANTICISM (5). Prerequisite, French 191.

Seminar course. Intensive study of one of the romantic poets. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Dey.

395. RESEARCH (5).

Research in a special field under the direction of a member of the department.

*SPANISH

Courses for Undergraduates

1-2-3. ELEMENTARY AND INTERMEDIATE SPANISH (9).

A course running through three quarters, designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate Spanish (11-12-13). The completion of Spanish 1-2-3 gives credit for Intermediate Spanish. *Six hours a week, through the year.* Professor Stoudemire; Messrs. Hayes, Weaver, McKnight, Barrett, Turner.

NOTE: No student is permitted to take French 1 or 2 or 3 and Spanish 1 or 2 or 3 at the same time.

Attention is called to Spanish 14-15-16, designed for upperclassmen who have fulfilled the requirements in another foreign language.

11-12-13. INTERMEDIATE SPANISH (9).

A course running through three quarters, designed for those who show evidence of adequate preparation. Freshman and Sophomore elective. *Three hours a week, through the year.* Professors Leavitt, Adams, Stoudemire; Messrs. Hayes, Weaver, McKnight.

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* Students interested in having a major in Spanish will please consult Dr. S. E. Leavitt, Departmental Adviser.

14-15-16. SPECIAL COURSE FOR ADVANCED STUDENTS (9).

A course for beginners open only to those who desire an introduction to a second foreign language and who give evidence of being especially qualified for such work. Sophomore elective. *Three hours a week, through the year.* Professor Stoudemire.

21-22-23. ADVANCED SPANISH (9). Prerequisite, Spanish 1-2-3, or 11-12-13, or equivalent.

Masterpieces of Spanish Literature with selected readings from representative authors. Sophomore elective. *Three hours a week, through the year.* Professors Adams, Boggs, Stoudemire; Mr. Hayes.

24-25. COMMERCIAL SPANISH (6). Open only to students who plan to enter the School of Commerce. Prerequisite, Spanish 21.

The object of this course is to give the student practical training in modern Spanish. Newspapers and magazine articles dealing with the life and customs of South America are read. Practice in commercial correspondence. Spanish 25 is largely conducted in Spanish. *Three hours a week, winter and spring quarters.* Professor Leavitt.

71. SURVEY OF SPANISH LITERATURE (5). Prerequisite, Spanish 23.

A survey of Spanish literature from the twelfth century through the *Siglo de Oro*. This course is designed especially to present a thorough background in Spanish literature. Lectures, readings from representative authors, especially from the drama, picaresque novel, and Cervantes. Open to juniors and seniors. *Five hours a week, fall or spring quarter.* Professor Stoudemire.

72. SURVEY OF SPANISH LITERATURE (5). Prerequisite, Spanish 71.

A survey of Spanish literature from 1700 to the present. This course is designed especially to present a thorough background in Spanish literature. Lectures and readings from the eighteenth ceuntry, nineteenth century drama, Regional novel, and "Generation of '98." Open to juniors and seniors. *Five hours a week, winter quarter.* Professor Stoudemire.

Courses for Graduates and Advanced Undergraduates

109. EARLY SPANISH PROSE FICTION (5). Prerequisite, Spanish 72.

A study of the origins and developments of the novel in Spain up to the time of Cervantes. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Adams.

110. THE SPANISH NOVEL—1605-1898 (5). Prerequisite, Spanish 72.

A survey of the novel from Cervantes through the nineteenth century. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Adams.

111. MODERN SPANISH NOVELISTS (5). Prerequisite, Spanish 72.

A study of the "Generation of '98," with consideration of present day tendencies. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Adams.

115. EARLY LYRIC POETRY (5). Prerequisite, Spanish 72.

A survey of lyric poetry in the Spanish peninsula from the origins through the *Siglo de Oro*. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Adams.

116. MODERN LYRIC POETRY (5). Prerequisite, Spanish 72.

Brief treatment of the poetical schools of Seville and Salamanca in the eighteenth century and study of Spanish lyric poetry through the nineteenth century to the present day. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Adams.

131. LOPE DE VEGA AND HIS CONTEMPORARIES (5). Prerequisite, Spanish 72.

Reading of representative plays of Lope de Vega, Tirso de Molina, Guillén de Castro, Ruiz de Alarcón, etc. Lectures and reports. (1939-1940 and alternate years.) *Five hours a week, fall quarter.* Professor Leavitt.

132. CALDERON AND HIS CONTEMPORARIES (5). Prerequisite, Spanish 72.

Reading of representative plays of Calderón, Moreto, Rojas, etc. Lectures and reports. (1939-1940 and alternate years.) *Five hours a week, winter quarter.* Professor Leavitt.

134. SPANISH DRAMA OF THE NINETEENTH CENTURY (5). Prerequisite, Spanish 72.

Reading of representative plays of this period. Lectures, oral and written reports. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Leavitt.

135. MODERN SPANISH DRAMA (5). Prerequisite, Spanish 72.

Reading of plays of Dicenta, Benavente, Linares Rivas, the Alvarez Quintero brothers, Marquina, Martínez Sierra, etc. Lectures, oral and written reports. (1938-1939 and alternate years.) *Five hours a week, winter quarter.* Professor Leavitt.

145. SPANISH PHONETICS (5). Prerequisite, Spanish 72.

A detailed study of the Spanish vowel and consonant sounds by the phonetic method. This course is required of candidates with a major in Spanish for the master's degree, and it should be elected by anyone who intends to teach Spanish. *Five hours a week, spring quarter.* Professor Boggs.

Courses for Graduates

221-222. OLD SPANISH (10).

Ford's *Old Spanish Readings.* The Poem of the Cid and other old Spanish texts. Lectures on phonology, morphology, and syntax. *Five hours a week, fall and winter quarters.* Professor Boggs.

241. INTRODUCTION TO SPANISH-AMERICAN LITERATURE (5).

A study of notable authors and consideration of present-day writers. (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Leavitt.

291. EARLY SPANISH LITERATURE (5). Prerequisite, Spanish 221-222.

Survey of Medieval Spanish Literature. *Five hours a week, spring quarter.* Professor Boggs.

393. SPANISH ROMANTICISM (5). Seminar Course.

General survey of the Romantic period in Spain and investigation of special problems. (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Adams.

395. RESEARCH (5).

Research in a special field under the direction of a member of the department. Attention is called to General and Comparative Literature 117.

ITALIAN

Courses for Undergraduates

51. ELEMENTARY COURSE (5). Prerequisite, French 11-12-13 or Spanish 11-12-13.

Grammar, pronunciation, oral and written exercises. Reading of modern Italian texts. *Five hours a week, fall quarter.* Professor Huse.

52. MODERN ITALIAN LITERATURE (5). Prerequisite, Italian 51.

Continuation of Course 51 with reading from modern Italian poets, dramatists, and novelists. *Five hours a week, winter quarter.* Professor Huse.

Courses for Graduates and Advanced Undergraduates

131. DANTE (5). Prerequisite, Italian 51 and 52.

The *Vita Nuova* and the *Inferno,* with some references to origins of Italian literature and to the poets of the *dolce stil nuovo.* (1939-1940 and alternate years.) *Five hours a week, spring quarter.* Professor Huse.

132. DANTE (5). Prerequisite, Italian 131.

The *Purgatorio* and the *Paradiso.* (1938-1939 and alternate years.) *Five hours a week, spring quarter.* Professor Huse.

156. DANTE IN ENGLISH TRANSLATION (5).

The *Vita Nuova* and the *Divine Comedy;* the precursors of Dante and the poets of the *dolce stil nuovo.* Special studies of Dante's political and social philosophy, with particular emphasis on Dante as a poet and as a guide. *Five hours a week, fall quarter.* Professor Huse.

161. ITALIAN LITERATURE OF THE RENAISSANCE (5). Prerequisite, Italian 51 and 52.

Readings from the principal authors, with special emphasis on Ariosto, Machiavelli, Castiglione, and the lyric poets. Collateral reading on the history of Italian culture during the Renaissance. *Five hours a week, winter quarter.* Professor Huse.

Course for Graduates

221. OLD ITALIAN (5).

Reading from the poets previous to Dante. Early monuments. Survey of phonology and morphology. (1938-1939 and alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

*DEPARTMENT OF RURAL SOCIAL-ECONOMICS

Professor: S. H. HOBBS, JR. Associate Professor: P. W. WAGER.

Courses for Undergraduates

51, 52. RURAL ECONOMICS (5 each). Prerequisite or corequisite, one course in economics.

A general course in the principles and problems of rural economy, with special attention given to the economics of agriculture in North Carolina and the South. References: Gray's *Agricultural Economics;* Taylor's *Outlines of Agricultural Economics;* Yoder's *Introduction to Agricultural Economics. Five hours a week, fall and winter quarters.* Professor Hobbs.

53. HISTORY OF AGRICULTURE (5).

This course traces the development of agriculture from its earliest beginnings to the present: earliest beginnings; Greece and Rome; later agriculture in Europe; American agriculture. References: Gras, *A history of Agriculture;* Schmidt and Ross, *Readings in the Economic History of American Agriculture;* special readings. *Five hours a week, spring quarter.* Professor Hobbs.

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* Students interested in making Rural Social-Economics their department of major interest should consult the Department in advance of registration for their first year in the College of Arts and Sciences.

61. AGRICULTURAL COÖPERATION (5).

Lecture and research. History of agricultural coöperation, principles of coöperation, coöperative organization, rural credits, and coöperative marketing. *Five hours a week, winter quarter.* Professor Hobbs.

71. RURAL SOCIOLOGY (5).

Rural Sociology. Text: Gillette's *Rural Sociology.* Collateral readings: Galpin's *Rural Life,* Butterfield's *Chapters in Rural Progress,* Sorokin and Zimmerman's *Principles of Rural-Urban Sociology. Five hours a week, fall quarter.* Professor Wager.

72. RURAL SOCIOLOGY (5).

Country Life Problems. Text: Taylor's *Rural Sociology.* Collateral readings: Boyle's *Rural Problems in the United States,* Galpin's *Rural Social Problems,* Butterfield's *The Country Church and the Rural Problem. Five hours a week, winter quarter.* Professor Wager.

73. RURAL SOCIOLOGY (5).

The rural community. Text: Sims, *Elements of Rural Sociology.* Collateral readings: Hawthorn, *The Sociology of Rural Life,* Hayes, *Rural Community Organization,* Miller, *Town and Country,* Wilson, *Evolution of the Country Community,* Sims, *The Rural Community,* Steiner, *The American Community in Action. Five hours a week, spring quarter.* Professor Wager.

91, 92, 93. LABORATORY COURSES IN RURAL ECONOMICS AND SOCIOLOGY (5 each). Corequisite, 51-52 or 71, 72, and 73.

Home-state studies, home-county studies, research projects, and surveys. Hours arranged to suit the convenience of the student. *Nine hours laboratory and one hour seminar a week, fall, winter, and spring quarters.* Professors Hobbs, Wager.

95, 96, 97. LABORATORY COURSES ON THE HOME COUNTY (5 each).

Studies in the economic and social conditions of the home county with a view to the publication of a county survey or a county geography supplement. Arranged especially to meet the needs of county organizations at the University. Hours arranged to suit the convenience of the student. *Nine hours laboratory and one hour seminar a week, fall, winter, and spring quarters.* Professor Wager.

Courses for Graduates and Advanced Undergraduates

101. NORTH CAROLINA: ECONOMIC AND SOCIAL (5).

This course is designed to familiarize the student with North Carolina: population, agriculture, resources, social life, economic development, industry, wealth, taxation, education, public welfare. *Five hours a week, every quarter.* Professor Hobbs.

110. RURAL LAND ECONOMICS (5). Prerequisite or corequisite, general economics, or Rural Economics 51-52.

This is an introductory course to the broad field of land economics, with special attention given to farm and forest land resources, utilization, and conservation in the United States. A few subjects covered are: The problem of land economics; characteristics and classification of land; present and future utilization of land; property in land; land tenure; land taxation; social ends of land utilization; policies of land settlement and development; rural resettlement; forest conservation. *Five hours a week, winter quarter.* Professor Hobbs.

134. COUNTY GOVERNMENT AND ADMINISTRATION (5).

A study of the forms of organization, the functions, and the operation of county government in the United States and especially in North Carolina in their historical development, but with special emphasis on present conditions and tendencies and on possible improvements. Each student will be required to study as intensively as possible the government and administration of one county, preferably his home county, and to put his results into essay form. Textbooks, lectures, and readings. *Five hours a week, winter quarter.* Professor Wager.

Courses for Graduates

271abc. RURAL SOCIAL PROBLEMS (5 each quarter).

Designated readings on and class discussions of (1) the solitary farmstead and the country community, (2) farm tenancy, (3) country illiteracy, (4) the country school, (5) the country church, and (6) rural citizenship. *Five hours a week, fall, winter, and spring quarters.* Professor Hobbs.

301abc. RURAL ECONOMICS (5 each quarter).

Research, seminars, and field investigations in (1) land economics—resources, values, ownership and tenancy, laws and policies; (2) farm organization and management—farm systems, farm finance, distribution of farm products and the farm income, coöperative farm enterprise; (3) country wealth, country institutions and problems; (4) state and county studies, economic, social, and civic; county bulletins, etc. Required preliminary preparation: approved courses in general and rural economics. Lacking such preparation, collateral courses in these subjects must be taken in residence here. *Five hours a week, fall, winter, and spring quarters.* Professors Hobbs, Wager.

305abc. SEMINAR IN COUNTY ADMINISTRATION (5).

Research, reading, and conferences on special phases of county organization and administration. Typical subjects for intensive study might be: county consolidation, county management, assessment of property, tax delinquency, county planning. Prerequisite, rural social-economics 134 or two courses in government. *Five hours a week, fall, winter, and spring quarter.* Professor Wager.

311abc. RURAL SOCIAL PROBLEMS (5 each quarter).

1. Research, seminars, and field investigations of (1) rural social institutions and agencies; (2) transportation and communication facilities in rural areas; (3) country-mindedness and its sequences; (4) town and country interdependencies; (5) social disability in country areas, our public welfare laws and agencies; (6) social aspects of tenancy and illiteracy; (7) state and county studies, economic, social, and civic; county bulletins, etc. 2. Rural Social Survey; research technic, and field work. 3. Statistics; interpretation and use. 4. Rural Social Engineering: (1) county community studies; (2) community organization, economic and social; (3) county government; (4) country leadership, requisites and technic. Required preliminary preparation: approved sources in general and rural sociology. Lacking this, collateral courses in these subjects must be taken in residence here. *Five hours a week, fall, winter, and spring quarters.* Professors Hobbs, Wager.

*DEPARTMENT OF SOCIOLOGY

Professors: H. W. ODUM, **H. D. MEYER.
Research Professors: E. R. GROVES, R. B. VANCE.
Associate Professors: W. B. SANDERS, L. M. BROOKS.
Research Associates in Institute for Research in Social Science: G. B. JOHNSON, KATHARINE JOCHER, HARRIET HERRING.
Teaching Fellow: KENNETH EVANS.
Assistants: O. B. THOMASON, O. T. BINKLEY.

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* For A.B. with major in Sociology 21-22-23 should have been completed in the General College. Should the student not have had sociology in the General College, then Sociology 51 and 52 are required. Sociology 152 is required in addition to the above courses. All other courses in the major are elective. The number of courses required for a major in Sociology is six provided Sociology 21-22-23 have been completed, or eight if these preliminary courses have not been completed.

** Absent on leave winter and spring quarters, 1938.

Courses for Undergraduates

21-22-23. COMPREHENSIVE INTRODUCTORY COURSE IN SOCIOLOGY (9).

A comprehensive introduction to sociology and its newer developments. Study of sociological principles, processes, and theories integrated with social problems and social direction. How to study society; methods; techniques; research. Sophomore elective. *Three hours a week, through the year.* Professors Meyer, Vance, Brooks; Mr. Evans.

(NOTE: Students with one elective course in sociology may take either Sociology 51 or 52. For major in the Department Sociology 51 and 52 are prerequisite if the student has not completed Sociology 21-22-23. For Sociology 62 no prerequisite is required except senior standing or its equivalent.)

51. INTRODUCTION TO SOCIOLOGY (5).

Emphasis on social origins as found in primitive society and upon the underlying fundamentals of geography, biology, psychology, and culture in contemporary society; social institutions; the elements of social theory. Sociology 51 may not be counted for credit by a student who has credit for Sociology 21-22-23 or equivalent. *Five hours a week, every quarter.* Professor Brooks.

52. SOCIAL PROBLEMS (5).

Primary emphasis on positive features with secondary and elemental study of social pathology; such problems as the community, race, population, crime, and poverty, preparatory to advanced study in such courses as sociology 168, 185, 186, 192, 193, and others. *Five hours a week, every quarter.* Professor Meyer.

62. MARRIAGE (5). Open to seniors.

A discussion of the practical problems of marriage, parenthood, and family adjustment. *Five hours a week, spring quarter.* Professor Groves; Dr. Binkley.

Courses for Graduates and Advanced Undergraduates

151. SOCIAL ANTHROPOLOGY (5).

A general course in social anthropology, but with some attention to physical anthropology and archaeology. The nature of culture; culture processes; the modern cultural environment; and social change. *Five hours a week, spring quarter.* Professor Johnson.

152. SOCIAL THEORY (5).

A survey of the range of contemporary social theory with preliminary consideration of its historical backgrounds. Leading theories are summarized, compared, and criticized. Required of all whose majors are in sociology and of all candidates for graduate degrees. *Five hours a week, winter quarter.* Professor Vance.

154. CONTEMPORARY SOCIETY

The study of the cultural evolution of society from the viewpoint of the folk regional development —Folkways —Stateways —Geographic factors —Regions — States—The application to contemporary American society—Application to democracy—Social achievements—The teachings of sociology in relation to modern technology and change. *Five hours a week, fall quarter.* Professor Odum.

155. SOCIAL PROGRESS AND SOCIAL VALUES (5). Open to juniors and seniors.

This course reviews the theories and philosophy of social progress; studies social trends and social change; attempts to set up objective measuring scales of change; attempts to appraise objectively aspects of material progress and of social progress and social regress. After brief consideration of social values it attempts to set up certain objectives and goals of social achievement as a framework upon which to measure and project human progress. *Five hours a week, winter quarter.* Professor Odum.

160. INTRODUCTION TO SOCIAL WORK (5).

A course in social problems adapted to meet the needs of students entering upon professional training for social work. *Five hours a week, fall or spring quarter.* Professor Sanders.

161. THE FAMILY (5).

The history, purpose, and problems of the family with especial attention to social conditions influencing family life and to efforts for family conservation. Open to men and women. *Five hours a week, winter quarter.* Dr. Binkley.

168. THE COMMUNITY (5).

1. A study of urban structure and growth, with primary emphasis upon such problems and programs as housing, delinquency areas, recreation, and decentralization. 2. Community organization, its origins, development, problems, and prospects. Large use will be made of recent literature in this field. *Five hours a week, spring quarter.* Professor Brooks.

169. THE INDUSTRIAL COMMUNITY (5).

A study of the industrial community with special reference to types in the South: the coming of industry and the industrial community; analysis of the various types and comparison with non-industrial communities within and outside the South; special problems such as paternalism, community organization, social work, and economic and labor problems, as they affect the community. *Five hours a week, winter quarter.* Miss Herring.

171. EDUCATIONAL SOCIOLOGY (5).

Education as a process of social control and achievement. The social resources of the school and other educational resources. Social problems of the teacher. *Five hours a week, fall or spring quarter.* Professor Meyer.

173. PLAY AND RECREATION (5).

The theories of play, play activities, attitudes, history of the play movement, play leadership, programs, values, sex and age differences, classification of movements, application to community life. *Five hours a week, spring quarter.* Professor Meyer.

175. EXTRA-CURRICULAR ACTIVITIES (3).

Clubs, student participation in school government, physical education, publicity in school publications, commencement, many miscellaneous topics, theoretical and practical studies of institutions promoting successful programs, bibliographical materials. *Three hours a week, spring quarter.* Professor Meyer.

181. REGIONAL SOCIOLOGY OF THE SOUTH (5).

An introductory study of southern regions, land and people, based upon *Southern Regions of the United States* and its *Manual.* Emphasis is given to facts, factors, and policies pertaining to geography and culture, resources and waste, social institutions and planning; and to the several methods of investigating regions in terms of social science. *Five hours a week, fall quarter.* Professor Brooks.

185. THE NEGRO (5).

A study of the American Negro, with particular reference to the South; the historical and cultural background of the Negro in Africa and in America; development since emancipation; bi-racial system; and problems of race relations. *Five hours a week, fall quarter.* Professor Johnson.

186. POPULATION (5).

A study of problems of quality and quantity of population including theories of population increase, and problems of race, immigration, and eugenics. *Five hours a week, spring quarter.* Professor Vance.

192. CRIME (5).

Criminology and penology; the study of historical and contemporary theory and practice. *Five hours a week, winter quarter.* Professor Brooks.

193. SOCIAL PATHOLOGY (5).

Emphasis on poverty and relief with coördinate study of delinquency, vagrancy, prostitution, alcoholism, crime, mental defect, etc. Analysis of therapeutic measures. Occasional field trips to county and state institutions. *Five hours a week, winter quarter.* Professor Meyer.

198. JUVENILE DELINQUENCY (5).

An evaluation of the major causative factors in delinquency from the viewpoint of the social sciences. *Five hours a week, fall or spring quarter.* Professor Sanders.

Courses for Graduates

208. METHODS IN SOCIAL RESEARCH (5).

An introduction to social research planned to give the student an adequate preliminary acquaintance with the general field of social research together with special approaches and methods. The approaches include the philosophical, analogical, biological, phychological, sociological, anthropological, economic, politico-juristic. The methods include the historical, the statistical, the survey, the case, the scientific-human. In addition to these, special emphasis is put upon the training of personnel and methods of procedure in working with source materials. *Five hours a week, fall quarter.* Professor Odum.

209. REGIONAL PROBLEMS AND PLANNING (5).

A survey of the field of regional social problems and planning with special reference to the Southern regions of the United States. The introduction includes a brief survey of the rise and development of regionalism, the rise and development of planning, together with recent developments of both in the United States, based on a six-fold division of the United States as presented in *Southern Regions of the United States. Five hours a week, winter quarter.* Professor Odum.

210. FOLK SOCIOLOGY (5).

This is an approach to a new general sociology, utilizing the folk-regional society and regionalism as a study of natural societal evolution in contrast with modern artificial society and technology. The chief objective is to seek contributions to sound social theory as it relates to the understanding of cultures and the direction of civilization. *Five hours a week, spring quarter.* Professor Odum.

212. CONTEMPORARY AMERICAN SOCIOLOGY (5).

This course will present a general survey of the work and personalities of living American sociologists projected on the background of the sociology of Franklin Henry Giddings. *Five hours a week, winter quarter.* Professor Odum.

215. SOCIAL DEMOGRAPHY (5).

The course attempts to synthesize the emerging concepts of population, culture, and the region by depicting the resulting cultural landscape. The contributions of cultural anthropology, social geography, regional sociology, and human ecology are studied in an effort both to evaluate the socially significant factors of the environment and to arrive at a classification of regions, culture areas, and social types. *Five hours a week, spring quarter.* Professor Vance.

230. RACE AND CULTURE CONTACTS (5).

This course will attempt to describe and analyze the problems arising from the contacts of peoples of different racial or cultural heritages, with particular reference to Negro-white relations in the New World. Comparative studies of the nature and consequences of Negro-white contacts in various parts of the New World will form the chief basis for theoretical discussion. *Five hours a week, winter quarter.* Professor Johnson.

253. ADVANCED SOCIAL TECHNIQUE (5).

This is a seminar course on the application of statistical method to social phenomena. Required of all candidates for graduate degrees. *Five hours a week, winter quarter.* Professor ....

327, 328, 329. GRADUATE RESEARCH SEMINARS (5 each).

Research in selected topics. *Five hours a week, fall, winter, and spring quarters.* Professor Odum.

331, 332, 333. GRADUATE RESEARCH SEMINARS (5 each).

Research in selected topics. *Five hours a week, fall, winter, and spring quarters.* Professor Groves.

341. SEMINAR (5).

Individual research in a special field under the direction of a member of the department.

342. SEMINAR ON SELECTED PROBLEMS IN ECONOMICS, POLITICAL SCIENCE, AND SOCIOLOGY (3).

Political, social, legal, and technical assumptions of nineteenth century liberal capitalism. *Two and one-half hours fortnightly, fall and winter quarters.* Visiting Professor vonBeckerath.

*DEPARTMENT OF ZOÖLOGY

Professors: R. E. COKER, H. V. WILSON, C. D. BEERS.
Assistant Professor: D. P. COSTELLO.
Instructor: W. L. ENGELS.
Teaching Fellow: G. H. TUCKER.
Assistants: J. A. FINCHER, C. M. COKER, P. L. CARPENTER, J. H. ALLEN, L. I. GARDNER.

Courses for Undergraduates

1. (NATURAL SCIENCE 1). ELEMENTS OF PLANT BIOLOGY (4). Freshman elective. See Department of Botany.

2. (NATURAL SCIENCE 2). ELEMENTS OF ANIMAL BIOLOGY (4). Freshman elective.

An introduction to structure and function in the animal body, with some consideration of man's relation to his environment, both organic and inorganic, and a review of animal types. *Three lecture and two laboratory hours a week, fall, winter or spring quarter. Laboratory fee, $2.00.* Professor Costello.

3. (NATURAL SCIENCE 3). ELEMENTS OF GEOLOGY (4). Freshman elective. See Department of Geology.

3c. (NATURAL SCIENCE 3c). GEOGRAPHY (4). Freshman requirement for the School of Commerce. See Department of Geology.

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* For A.B. with major in Zoölogy, there are required six courses in Zoölogy of the level of 41 or higher, or five in Zoology with Botany 41. Six courses should be taken in other Departments of the Division of the Natural Sciences including two courses in Chemistry and two courses in Physics, if these have not been taken in the General College. Six courses should be in departments outside the Division of the Natural Sciences. (But see also note on page 100.) At least three courses should be taken in one Department other than Zoölogy either within or without the Division.

Those students who plan to teach in public high schools should read the footnote at the bottom of page 152.

41. FUNDAMENTALS OF ANIMAL BIOLOGY (6).

Principles of biology; elements of anatomy, physiology, and classification of vertebrate animals. Dissection of frog and dogfish and study of tissues, as necessary for an understanding of the organization and functions of vertebrate animals and especially of man. Sophomore, junior, and senior elective. *Four lecture and four laboratory hours a week, fall or winter quarter. Laboratory fee, $5.00.* Professor Coker; Assistants.

42a. DEVELOPMENT OF ANIMALS (3). Prerequisite, Zoölogy 41. Optional accompanying course, Zoölogy 42b. Both 42a and 42c may not be taken for credit.

Basic facts and theories of individual development, heredity, and evolution. *Three hours a week, spring quarter.* Professor Wilson.

42b. INVERTEBRATE ZOÖLOGY (3). Prerequisite, Zoölogy 41. Optional accompanying course: Zoölogy 42a or 42c.

Study of invertebrate animals as examples of the varied forms of life and as concrete illustrations of the principles of biology. Field trips are made to observe and collect animals in nature. *One lecture and four laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Professor Coker; Dr. Engels; Assistants.

42c. PRINCIPLES OF ANIMAL BIOLOGY (3). Prerequisite, Zoölogy 41. Required accompanying course, Zoölogy 42b. Both 42a and 42c may not be taken for credit.

Introduction to invertebrate zoölogy and to development, heredity, and evolution. *Three hours a week, spring quarter.* Professor Coker.

Courses for Graduates and Advanced Undergraduates

103. COMPARATIVE ANATOMY OF VERTEBRATES (5). Prerequisite, Zoölogy 41 and 42ab or 42bc.

Dissection of types especially amphioxus, petromyzon, fish, fowl, rabbit. Laboratory work with occasional lectures. *Ten laboratory hours a week, fall quarter. Laboratory fee, $10.00.* Professor Beers; Dr. Engels.

104. COMPARATIVE EMBRYOLOGY OF VERTEBRATES (5). Prerequisite, Zoölogy 103. Students who have not had zoölogy 103 may be admitted by special permission.

Maturation and fertilization phenomena in some invertebrate types; segmentation and formation of germ layers in frog and teleost fish; germ layers and development of characteristic vertebrate organs in chick; essentials of microscopic technique. Laboratory work with occasional lectures. *Ten laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professor Beers; Dr. Engels.

105. VERTEBRATE HISTOLOGY AND MICROTECHNIQUE (5). Prerequisite, Zoölogy 104.

Microscopic preparations of selected tissues and organs are made from the fresh animal and studied with the help of texts and original papers. Laboratory work with assigned readings and seminar reports. *Ten laboratory hours a week, spring quarter. Laboratory fee, $10.00.* Professor Beers.

106-107-108. MORPHOLOGY AND CLASSIFICATION OF THE INVERTEBRATES (15). Prerequisite, Zoölogy 41 and 42ab or 42bc.

Dissection and microscopic study of types of the chief orders, with some consideration of life histories; systematic diagnosis. Basic course for all advanced work in zoölogy. Laboratory work with occasional lectures. *Ten laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Professor Wilson.

109. INTRODUCTION TO HYDROBIOLOGY (5). Prerequisite, Zoölogy 41 and 42ab or 42bc.

A study of animal life in water, with special reference to the relation of animals to each other and to their environments. Field and laboratory work, lectures, reading of special papers, discussions. *Ten laboratory hours a week, fall quarter. Laboratory fee, $5.00.* Professor Coker.

110. PARASITOLOGY (MEDICAL ZOÖLOGY) (5). Prerequisite Zoölogy 41 and42ab or 42bc.

A consideration of the structure, classification, and life histories of the protozoa and worms of medical importance and of the arthropods which either cause disease directly or which transmit the bacteria, protozoa, and worms of diseases. *Lectures and demonstrations, five hours a week, winter quarter.* Professor Beers.

Courses for Graduates

209-210-211. GENERAL EMBRYOLOGY AND REGENERATION (15 or more).

Embryology and regeneration in the lower metazoa and simpler vertebrates. *Not less than ten laboratory hours a week, fall, winter, and spring quarters. Seminar reports. Laboratory fee, $5.00 a quarter.* Professor Wilson.

212. HYDROBIOLOGY (5). Prerequisite, Zoölogy 109.

The study of aquatic organisms and environents, with attention restricted to a particular topic, as a small group of animals, a limited set of habitats, or special phenomena of behavior. The work is on the border line of research, involving critical examination of literature, as well as field and laboratory study and seminar reports. *Ten laboratory hours a week, fall or winter or spring quarter. Laboratory fee, $5.00 a quarter.* Professor Coker.

215. PROTOZOÖLOGY (5).

Special study of the protozoa living in man and lower animals, with consideration of host-parasite relationships and with comparative studies on a few free-living forms. Laboratory work with occasional lectures, assigned readings, and seminar reports. *Ten laboratory hours a week, fall or spring quarter. Laboratory fee, $5.00.* Professor Beers.

216. CYTOGENETICS (5). Prerequisites, Zoölogy 104 and 105 or the equivalent.

A study of nuclear phenomena in cells during mitosis and maturation in relation to the facts of genetics, involving practical training in cytological tenchnique. Labatory work with occasional lectures. *Ten laboratory hours a week, spring quarter. Laboratory fee, $5.00.* (1939-1940 and alternate years.) Professor Costello.

217. CELL PHYSIOLOGY (3). Prerequisite, Organic Chemistry.

A consideration of the physico-chemical aspects of protoplasm, including recent studies on cataphoresis, permeability, surface tension pH, viscosity changes, and other measurable properties of living cells. (1939-1940 and alternate years.) *Three hours a week, winter quarter.* Professor Costello.

316. RESEARCH (3 or 5 or more).

Under this heading may be credited the work of a single quarter or that of one or more years. *Six or ten or more laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 or $5.00 a quarter.* Professor Wilson or Professor Coker or Professor Beers.

PART FIVE—EXTENSION DIVISION AND THE GRADUATE AND PROFESSIONAL SCHOOLS

THE UNIVERSITY EXTENSION DIVISION

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President*
Robert Burton House, A.M., *Dean of Administration*
Russell Marvin Grumman, B.H., *Director*
Edgar Ralph Rankin, A.M., *Head, Department of School Relations*
William John McKee, C.E., Ph.D., *Supervisor of Correspondence Instruction*
Thomas Simmons Howard, S.B., *Assistant to the Director*

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Allan Wilson Hobbs, Ph.D.
Samuel Huntington Hobbs, Jr., Ph.D.
Howard Washington Odum, Ph.D., LL.D., Litt.D.
William Whatley Pierson, Ph.D.
Herman Glenn Baity, Sc.D.
William John McKee, C.E., Ph.D.

HEADS OF BUREAUS

Mary Louisa Cobb, A.B., *Correspondence Instruction*
Glen Haydon, Ph.D., *Community Music*
Samuel Huntington Hobbs, Jr., Ph.D., *Economic and Social Surveys*
Frederick Henry Koch, A.M., Litt.D., *Community Drama*
Harold Diedrich Meyer, A.M., *Bureau of Recreation*
Charles Fremont Milner, A.B., *Visual Instruction*
Guy Berryman Phillips, A.B., *Educational Information and Assistance.*
Russell Train Smith, M.Arch., *Art Extension*
Kathleen Wright, *Class Instruction.*

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* The Dean of Administration, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

GENERAL STATEMENT

By means of correspondence instruction, extension classes located in all parts of the State, radio lectures, extension library service, reading courses, community dramatics, interscholastic activities, audio-visual aids, and a variety of publications, the University of North Carolina, through the Extension Division, is relating itself closely with the life of North Carolina. The University campus is now virtually coterminous with the boundaries of the commonwealth.

Starting as a Bureau of Extension in 1912 under the leadership of Dr. L. R. Wilson, former University Librarian, the idea of university extension was clarified and expanded under the administration of the late President Edward Kidder Graham. In 1921, in conformity with standards established by the National University Extension Association, the work was organized as a major division of the University by President Harry W. Chase.

In his inaugural address, November, 1931, President Frank Porter Graham defined the purposes of university extension thus: "It is the function of the state university not only to find its bits of truth and teach the truth gathered from scholars everywhere, but to carry the truth to the people that they may take it into their lives and help to make it prevail in the world of affairs. It is the ideal of the University Extension Division to make the resources of the universities, the discoveries of science, and the findings of the social scientists available for the people of the commonwealth."

The Extension Division is the administrative agency through which are conducted the extension activities of all the University's departments. Within recent years, moreover, the Division has developed a specialized program of adult general and professional education unrelated to the work of the resident departments. Other educational services are being offered men and women whose formal schooling has ended, but who still desire to continue their education regardless of higher academic awards. In meeting the demands of this group, the future of the University Extension Division as an agency for adult education holds the greatest promise of development.

BUREAU OF CLASS INSTRUCTION

Extension courses in regular University subjects are offered in communities throughout the State. These courses are taught by members of the University Faculty and, when all requirements are met, give the same credit as courses in residence. Those not wishing degree credit are also eligible to enroll in extension classes. The classes usually meet one evening a week for sixteen weeks, for which a half course or two semester hours of degree unit may be earned. The fee for each half course is $7.50. An individual or group wishing to organize an extension class should make written application to the University Extension Division, giving the following information:

probable number of enrollments, general type of persons who wish to join the class, course desired, when and where the class wishes to meet, and who will have charge of the local arrangements.

Courses Offered

The Extension Division attempts to offer most of the courses listed in the University Catalogue in any community where sufficient number of people desire to enroll.

In order to conserve space, all other information and regulations concerning extension courses are omitted here but may be secured by sending a written request to the University Extension Division.

In-Service Teacher Training

Working in close coöperation with the Department of Education the Division conducts a specialized and carefully arranged program for the training of teachers now working in the schools of the State. The aim of this program is to improve instruction in the schools and to offer opportunities for the professional growth of teachers.

BUREAU OF CORRESPONDENCE INSTRUCTION

All information and regulations concerning correspondence courses offered by the University are contained in the catalogue of Correspondence Instruction issued separately. This contains information regarding economical plans for college and adult education.

LIBRARY EXTENSION DEPARTMENT

The aim of the Library Extension Department is to encourage discussion of current political, social, and economic problems, as well as to assist in the study of good literature. Reference material is supplied for such study.

One section renders assistance with programs and reference material, usually of a literary nature, to women's clubs and study groups, for which service a small charge is made. Another section renders assistance to schools, both to students and teachers, as well as to other individuals not organized in group study. This material is usually on current problems of a political, social, or economic nature.

BUREAU OF LECTURES, SHORT COURSES, AND RADIO

The University conducts a lecture bureau for the purpose of aiding schools, civic clubs, and other organizations in obtaining speakers. Addresses for special occasions, such as schools and college commencements, are also arranged upon application.

No fee for lecture service is charged, but the traveling and incidental expenses of the lecturer are to be defrayed by the organization for which the lecture is made. Lecture courses also may be arranged.

From time to time the University has held at Chapel Hill short courses or institutes for various organizations and groups. These consist in an intensive training program or course ranging in duration from one day to two weeks. The program is composed of a specialized series of lectures, discussions and demonstrations directed by leading speakers and teachers secured from the faculty of the University and from the State and nation. Short courses have been offered to high school athletic directors, welfare workers, parents, nurses, realtors, photographers, and members of the State Press Association.

In addition to those mentioned above, the Division will be glad to aid other organizations or groups in arranging for a short course, institute, special meeting, or convention.

Individual lectures and lecture courses by members of the faculty and entertainment programs by University musical and dramatic organizations are broadcast each year through the courtesy of radio stations in Durham and Raleigh.

BUREAU OF COMMUNITY DRAMA

The services of the Bureau of Community Drama are available to all schools, colleges, and communities throughout the State. Suggestions and advice on play production, and aid in solving any particular problem of the director of dramatics may be obtained from this bureau.

Assistance is given in organizing, in play selecting, in the designing and making of scenery, in costuming, and in make-up and lighting. Arrangements may be made for assistance in the direction of a chosen play.

The bureau has at its disposal more than two thousand volumes of play books, books on acting, play production, little theatre organization, play writing, stagecraft, lighting, costuming, make-up, etc. These are loaned upon payment of the postage and packing charges. By giving practical assistance to those interested in writing and producing plays, the bureau is seeking to promote and encourage dramatic art in the schools and communities of North Carolina, and to stimulate interest in the writing of native drama.

BUREAU OF VISUAL INSTRUCTION

The purpose of the Bureau is to place audio-visual aids at the disposal of schools and other educational and civic agencies on a cost basis. Primarily, the visual education services are designed to aid elementary, secondary school, and college teachers to supplement classroom instruction. Consequently, material is being selected that may be integrated with the curriculum or courses of study in public schools and colleges.

The Bureau is prepared to provide a number of advisory services concerning visual aids. The educational film library loan service is described in an issue of the University Extension Bulletin.

BUREAU OF COMMUNITY MUSIC

The Department of Music offers the following services: (1) leadership for community sings; (2) formation of community choruses; (3) lectures on public school and community music; (4) piano, violin, and organ recitals; (5) advisory service to schools; (6) concerts by the University Symphony Orchestra, the Symphonic Band, and the University Glee Clubs. A summer school course is offered to high school musicians.

BUREAU OF ART EXTENSION

The Department of Art offers, through the coöperation of the Extension Division, extension class and correspondence courses in the history and appreciation of art. Institutes on art education are sponsored jointly with other State agencies and organizations. A lecture service is available. Circulating art exhibits may be secured on a loan basis. Art exhibitions are conducted, in coöperation with the Art Department of the Woman's College, for the public schools and colleges in North Carolina. An exhibit is sponsored for the North Carolina Professional Artists Club.

The Secretary of the Department serves also as Secretary of the North Carolina State Art Society.

All of the special exhibitions in the Person Hall Art Gallery are open to the general public.

BUREAU OF ECONOMIC AND SOCIAL SURVEYS

For years the Department of Rural Social-Economics of the University has been collecting data on social and economic conditions in North Carolina. This material is available through loans from the library, articles in *The University News Letter*, and bulletins which record the results of a number of county surveys. *The University News Letter*, which is edited by this department, appears twenty-five times each year.

BUREAU OF RECREATION

This bureau offers service in public recreation and leisure time problems through the Department of Sociology. Bibliographies and reading lists on the subjects of sociology, community organization, etc., are provided upon request.

BUREAU OF HIGH SCHOOL DEBATING AND ATHLETICS

The University Extension Division, through this bureau, offers service to the high schools of the State by means of contests in debating, athletics, and academic subjects.

The High School Debating Union of North Carolina is the medium through which assistance in debate is offered. This organization was established in 1912-1913. Approximately two hundred high schools, grouped in triangles, discuss some important question each year. The schools winning both debates send their teams to the University to compete during High School Week in the final contest for the Aycock Memorial Cup.

The High School Athletic Association of North Carolina is the agency through which assistance in athletics is offered. This association conducts State high school contests in football, basketball, boxing, wrestling, baseball, track, soccer, golf, and tennis. The high schools compete in groups for the honor of representing the eastern and western sections of the State, and the teams winning the sectional contests meet at Chapel Hill in the finals. Approximately three hundred schools are members of this association.

The high school contests in academic subjects are conducted jointly by this bureau and by the University departments concerned. Academic contests are conducted in Latin, Spanish, French, and mathematics. High school newspaper, magazine, and essay contests are also conducted.

BUREAU OF EDUCATIONAL INFORMATION AND ASSISTANCE

The bureau is maintained through the coöperation of the Department of Education. The several members of the faculty of the Department offer to the State the following lines of service: educational tests and measurements; school surveys; teachers' appointments; advice and counsel with reference to school buildings, equipment, and general administrative problems.

THE GRADUATE SCHOOL

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President*
Robert Burton House, A.M., *Dean of Administration*
William Whatley Pierson, Ph.D., *Dean*

*THE ADMINISTRATIVE BOARD

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Edgar Wallace Knight, Ph.D.
John Brooks Woosley, Ph.D.
Gustave Adolphus Harrer, Ph.D.
Howard Washington Odum, Ph.D., LL.D., Litt.D.
George Coffin Taylor, Ph.D.
Herman Glenn Baity, Sc.D.
Edward Mack, Jr., Ph.D.

GENERAL STATEMENT

The Graduate School finds its province in the fostering of research, in training students to become investigators and teachers in special fields of learning, in the application of research methods to the problems of society and industry, and in supplying opportunity for further and advanced study by those who have already completed a college course. The University of North Carolina has been interested in research for more than a century, and has made contributions in science, the social sciences, and the languages. Through its research clubs and learned journals, as well as through publications and other contributions to learning made by members of its faculty, the University has acquired the authority to give advanced instruction. For this it is competent both from the standpoint of the personnel of its faculty and in material equipment in libraries and laboratories.

Instruction leading to the Master's degree was offered at this institution prior to the American Civil War, and such higher degrees were granted in course. Formal action with high standards in requirements was taken in 1876 to establish a system of graduate, as distinct from undergraduate, instruction. The first Doctor's degree was awarded in 1883. A Graduate Bulletin, issued in 1885, showed that nearly all departments offered advanced courses. The number of students during those years was small, but the work accomplished in both the humanities and the sciences was of distinguished quality. Given distinct status in 1904 and the leadership of a Dean, the Graduate School has experienced steady, and since 1920, rapid growth.

The institution is a member of the Association of American Universities; the Graduate School annually publishes a bulletin, entitled

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Research in Progress, which records analytically the scholarly contributions of the faculty and graduate students; the School has been assigned control of a building wherein graduate men students may live and have a club which affords opportunity for friendly association; the School operates an Appointments Bureau, which supplies facilities for placement.

Work for advanced degrees is under the supervision of the Graduate Faculty, which consists of those officers of professorial rank who are chiefly interested in the Graduate School, either because they offer courses for graduate students or because of their interest in research. The immediate direction of the Graduate School is in charge of an Administrative Board, of which the Dean is chairman. Special requirements and regulations made by this board are outlined in the Catalogue of the Graduate School, which is published annually and is recognized as the official publication of the Graduate School.

THE DIVISION OF PUBLIC WELFARE AND SOCIAL WORK

ROY MELTON BROWN, Ph.D., *Director*

*THE ADMINISTRATIVE BOARD

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SAMUEL HUNTINGTON HOBBS, Ph.D.
JOHN BROOKS WOOSLEY, Ph.D.
WILEY BRITTON SANDERS, Ph.D.
HARRY WOLVEN CRANE, Ph.D.

Since 1920 the University has offered training in social work with the primary emphasis on public welfare. Within its chosen field the Division has directed attention first to an understanding of the problems with which the social worker must deal and a knowledge of the social sciences upon which the solution of these problems must be based. As the complement of this scientific knowledge it offers training in the techniques of social work with practical experience, particularly in the public welfare field and in rural social work.

The School offers a graduate curriculum providing two years' work and leading to the degree of Master of Science in Social Work. In general a bachelor's degree from a college or university of recognized standing and with undergraduate emphasis on sociology and the other social sciences is required for admission. An occasional mature student who does not have a bachelor's degree may be admitted as a special student. Admission to the Division does not necessarily mean admission to candidacy for a degree.

For details the special catalogue of the Division of Public Welfare and Social Work should be consulted.

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GRADUATE DEGREES

The degrees under the supervision of the Graduate Faculty are Master of Arts (A.M.), Master of Science (S.M.), and Doctor of Philosophy (Ph.D.). For a complete statement of the requirements for these degrees reference must be made to the special Catalogue of the Graduate School.

SUMMARY OF THE REQUIREMENTS FOR HIGHER DEGREES

MASTER'S DEGREE

1. A bachelor's degree from a recognized institution.
2. A minimum period of three quarters of resident study.
3. A reading knowledge of one modern foreign language.
4. Nine graduate courses, six of which must be in the department of the major.
5. A written examination in the field of the major.
6. An oral examination covering the entire field of study.
7. A thesis.

DOCTOR OF PHILOSOPHY

1. Admission is the same as for the master's degree.
2. A minimum of three years of graduate study, at least one of which must be at the University of North Carolina.
3. A reading knowledge of French and German.
4. A major covering adequately the field of major interest and at least six courses in a minor, which may under special circumstances be in the same department.
5. A preliminary oral examination.
6. A written examination in the field of major interest.
7. An oral examination covering the entire field of study.
8. A dissertation.

CATALOGUE OF THE GRADUATE SCHOOL

For information concerning the Graduate Faculty, fields of research, fellowships and other aids, expenses and tuition, and for regulations governing courses of study, credits, admissions, examinations, and higher degrees, reference must be made to the special Catalogue of the Graduate School.

THE SCHOOL OF LAW

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President*
Robert Burton House, A.M., *Dean of Administration*
Maurice Taylor VanHecke, Ph.B., J.D., *Dean*

*THE ADMINISTRATIVE BOARD

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Dudley deWitt Carroll, A.M.
Frederick Bays McCall, A.B., LL.B.
Robert Hasley Wettach, A.M., LL.B., S.J.D.
Millard Sheridan Breckenridge, Ph.B., LL.B.

GENERAL STATEMENT

The School of Law, now in its ninety-fifth year, and with a full-time faculty of eight, offers a three year course leading toward the degrees of LL.B. and J.D. It is on the approved list of the North Carolina and New York Boards of Law Examiners, and of the American Bar Association. It is a member of the Association of American Law Schools, and is one of thirty of the leading law schools of the country in which a chapter of the honorary society of the Order of the Coif has been established.

While greater emphasis is placed upon North Carolina decisions and statutes than upon those of the other states, the legal doctrines are studied as a part of the Anglo-American common-law system. Thus the school prepares its students for practice in North Carolina and in every other State in the Union.

Except for a limited number of special students, candidates for admission to the School of Law must have completed satisfactorily the first three years of a regular college curriculum leading to a standard degree. If this work has followed the *special* program offered by the College of Arts and Sciences or by the School of Commerce of this University, the student may receive the Bachelor's degree in Arts or in Commerce, as the case may be, upon the completion of the first year in law. For the details of these undergraduate programs see pages 105-106 and 121.

The School of Law occupies the whole of Manning Hall. The Carr Dormitory, adjacent to Manning Hall, has been set aside for exclusive occupancy by law students. The Law Library, in charge of two trained law librarians and a staff of assistants, now numbers approximately 40,000 volumes.

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The curriculum covers a period of three annual sessions, but the required work may be accomplished by attending three summer sessions and two regular annual sessions as shown below.

The students of the School of Law are regularly enrolled in the University, enjoy all the privileges of University students, and are amenable to all general University regulations and to the special regulations of the School.

The summer session of the School of Law offers opportunities for students to supplement the work of the regular year by additional courses, some of which are not otherwise available, or to shorten the period of study for the law degree to two regular years and three summer sessions. A full curriculum is provided for both beginning and advanced students. The summer faculty always includes as visiting professors a number of distinguished law teachers from other universities.

Opportunities for individual work are afforded to especially qualified students through membership upon the student editorial staff of the North Carolina Law Review, as faculty research assistants, and as library assistants.

For further information, please write to the Dean of the School of Law for the separate bulletin of that school.

THE SCHOOL OF MEDICINE

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President*
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Milton Joseph Rosenau, A.M., M.D., *Director of the Division of Public Health.*

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Daniel Allan MacPherson, Sc.M., Ph.D.
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GENERAL STATEMENT

The School of Medicine was established in 1879 under the direction of Dr. Thomas W. Harris. A course in theoretical and practical medicine was offered under the preceptorial system, but the plan was found impracticable and was abandoned in 1886. In 1890, a more orderly and logical arrangement of the subjects in the medical course having developed, it became possible for an institution without clinical facilities to offer instruction in the pre-clinical subjects, and the school was reopened with Dr. Richard H. Whitehead as Dean and Professor of Anatomy. Under his guidance it soon won recognition for thoroughness of instruction and excellence in scholarship and has since continued without interruption to its growth. At first the course covered only one year, but in 1896, the medical course having been extended in the better class of schools to four years, a two-year course was inaugurated. In 1900 the School of Medicine was incorporated as an integral part of the University and was reorganized to meet the requirements of the first two years of the full four-year course leading to the degree of Doctor of Medicine. In 1902 it was expanded into a four-year school, and the clinical subjects of the third and fourth years were offered in Raleigh under the direction of Dr. Hubert A. Royster as Dean. After a few years of successful operation, this plan had to be abandoned for lack of financial support, and the clinical subjects were dropped. In 1908 the school was admitted to membership in the Association of American Medical Colleges, and is ranked in the class "A" group by the American Medical Association.

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The curriculum is arranged to cover all of the laboratory or preclinical subjects of the four-year course in medicine and includes, in the last part of the second year, introductory clinical courses which serve to lessen the abruptness of the change from the laboratory to the hospital.

Students who have successfully completed the two-year course are transferred into the third year of American medical colleges of the highest rank from which they receive the degree of Doctor of Medicine. Sixty percent of those who have attended the school have returned to North Carolina to practice medicine. Approximately twenty-five percent of the physicians now in active practice in North Carolina received the first two years of their medical training here.

The School of Medicine is located on the University campus in close association with all other University activities. The classes are limited to thirty-six students and, since this is a state institution, preferential consideration is given applicants for admission who are citizens of North Carolina.

The students of the School of Medicine are regularly enrolled in the University, enjoy all the privileges of University students, and are amenable to all general University regulations and to the special regulations of the School.

The minimum requirements for admission to the medical curriculum are three years of college work, which must include a minimum of twelve semester hours in chemistry (including four semester hours of organic chemistry), eight semester hours in biology (at least 4 semester hours being in zoölogy), eight semester hours in physics (which must have required trigonometry as prerequisite), six semester hours in English, and six semester hours in a modern foreign language (French or German recommended) beyond the amount required in the language chosen for admission to the intermediate courses in the University. In case of an exceptionally well qualified applicant the prerequisite work in trigonometry for physics may be waived. *No student will be admitted with less than three years of accredited collegiate work, or with a condition on any of the required subjects in science.* All admissions are decided by the Dean of the School of Medicine and a special Committee on Admissions to the School. The Dean and special committee reserve the right to select from the entire list of applicants those who in their judgment are best qualified for the study of medicine.

Candidates for admission to the second year of the medical curriculum must present certificates from an accredited medical school stating that they have had the required fifteen units, at least three years of college work as indicated above, and have completed the subjects of the first year of the medical course as outlined.

The University recommends to each applicant that he prepare himself as fully as his age and resources permit. If possible he should first secure a bachelor's degree, either A.B. or S.B., before beginning his professional study. If this is impracticable, he may secure excellent preparation by completing the academic curriculum leading to the degree of Bachelor of Science in Medicine. The degree is conferred upon the completion of the first year's work in the medical school. For the requirements (academic) please see page 107 of this catalogue.

THE MEDICAL CURRICULUM

The medical curriculum covers two years of thirty-four weeks each, divided in the first year into two semesters of seventeen weeks and in the second year into three periods, or quarters, of approximately equal length. It is organized into six departments: Anatomy, Bacteriology, Biological Chemistry, Pathology, Pharmacology, and Physiology, with additional courses in Physical Diagnosis, Principles of Surgery, and Obstetrics, and an affiliated Division of Public Health, For description of the courses and other details see Special Catalogue of the Medical School.

DIVISION OF PUBLIC HEALTH

MILTON JOSEPH ROSENAU, A.M., M.D., *Director*

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MARK V. ZIEGLER, A.B., M.D.
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EDGAR WALLACE KNIGHT, Ph.D.
ROBERT ERVIN COKER, Ph.D.
WILLIAM WHATLEY PIERSON, Ph.D.

GENERAL STATEMENT

The University of North Carolina has established a Division of Public Health and offers courses of study to supplement the basic work in this field, in order that immediate and practical needs of trained personnel in this State and region may be adequately met. This service is made possible through the coördination of the facilities and the staffs of the Schools of Medicine and Engineering of the University and the North Carolina State Board of Health, the three agencies of the state which are concerned with the problems of public health.

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The curriculum covers a period of sixteen weeks and includes both intra-mural instruction and field work. The courses offered are those best adapted to equip a physician for the special responsibilities of a health officer and those which may be covered within a short period of intensive study. Two courses are given each year—one in the fall and one in the spring.

The students in the Division of Public Health are enrolled in the University of North Carolina and enjoy all the rights and privileges of the general student body. Upon completion of the course a certificate of credit is awarded by the University and this is endorsed by the North Carolina State Board of Health.

The United States Public Health Service has designated the University of North Carolina as the teaching unit in public health for Interstate Sanitary District No. 2, comprising the States of Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, and the District of Columbia. See Special Bulletin of Division of Public Health.

THE SCHOOL OF PHARMACY

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President*
Robert Burton House, A.M., *Dean of Administration*
John Grover Beard, Ph.G., Ph.M., *Dean*

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Henry Roland Totten, Ph.D.
Henry Matthew Burlage, Ph.D.
Marion Lee Jacobs, Ph.D.
Ralph Walton Bost, Ph.D.
Ira Winfield Rose, Ph.G.

GENERAL STATEMENT

In 1880 Dr. Thomas W. Harris was instrumental in establishing a School of Pharmacy at the University in connection with the School of Medicine. The school was continued until the resignation of Doctor Harris in 1886, when it was abandoned. In 1890 the school was revived by Dr. Richard H. Whitehead, but again its career was short. Finally, in March, 1897, in response to urgent requests made by the North Carolina Pharmaceutical Association, the present school was established and Edward Vernon Howell was appointed Professor of Pharmacy and Dean.

The School in 1925 obtained exclusive use of its present building (Howell Hall of Pharmacy). This building contains 35 rooms, 22,000 sq. ft. of floor space, and is located in the northeast section of the campus, adjacent to the Arboretum, the Medicinal Plant Gardens, and the Biology building (Davie Hall).

The minimum offerings of the School are based on four years of study which lead to the degree of Bachelor of Science in Pharmacy (S.B. in Phar.).

The School was admitted to membership in the American Association of Colleges of Pharmacy in 1917. This organization was formed for the promotion of thorough scientific work in the profession of pharmacy. It maintains high standards for membership based on the number and training of the faculty, thoroughness of work offered, the quality of the curriculum, the number of students, the financial support of the school, and the facilities for carrying on the work.

The University of the State of New York credits fully the four years' work here as evidence of due preparation for the examinations of the licensing board of that state. The same sort of credit is now extended by all other state examining boards.

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* The Dean of Administration, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

Students of pharmacy enjoy all of the privileges of the University and are subject to all of its general regulations, as well as the special regulations of the School of Pharmacy.

Properly qualified applicants of either sex may be admitted, provided they meet the requirements for entrance. Their credentials are first submitted to the Associate Registrar of the University.

The School of Pharmacy recognizes that its graduates may be expected to pursue one or another of three related but definitely different forms of pharmaceutical practice. They may become prescriptionists in or owners of retail drug stores; they may elect to enter the field of medicinal manufacture; or they may decide to establish technical laboratories or enter the U. S. Public Health Service. Each different form of effort requires a specialized type of training and the School has attempted to provide such specialization.

By action of the Administrative Board of the School of Pharmacy the Dean of the School is authorized to allow substitutions of certain academic subjects for certain prescribed pharmaceutical courses in the cases of rising third year students who in his opinion have made such records as to warrant their acceptance after graduation into standard medical schools.

The School of Pharmacy urges superior students who are desirous of securing the benefits of thorough specialized training and intensive research work to pursue an additional year in the Graduate School where a course of training leading to the degree of Master of Science (S.M. in Phar.) is offered. The three majors available are Materia Medica and Pharmacognosy, Pharmaceutical Chemistry, and Pharmacy.

A student who has completed one or more years of accredited work in a recognized school of pharmacy and submits satisfactory evidence of having completed the entrance requirements and courses equivalent to those prescribed in the curriculum required for the degree of S.B. in Pharmacy, may be admitted with advanced standing and proceed for this degree. The minimum requirement of residence for a degree is a period of three quarters within a period of twelve months. A full year's work comprising at least forty-five quarter hours must be completed by a transferring student. Beginning January 1, 1938, the American Association of Colleges of Pharmacy requires of its member colleges that students transferring from a non-pharmaceutical college must spend a minimum of three years in a standard college of pharmacy in order to be graduated with the degree of S. B. in Pharmacy.

For further information, please write to the Dean of the School of Pharmacy for the special catalogue of that school.

THE SCHOOL OF LIBRARY SCIENCE

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President*
Robert Burton House, A.M., *Dean of Administration*
Robert Bingham Downs, M. S., *Chairman, Administrative Board, Division of Library and Library School*
Susan Grey Akers, Ph.D., *Director*

*THE ADMINISTRATIVE BOARD

DIVISION OF LIBRARY AND LIBRARY SCHOOL

Robert Bingham Downs, M.S.
Susan Grey Akers, Ph.D.
Richmond Pugh Bond, Ph.D.
Gustave Adolphus Harrer, Ph.D.
Sturgis Elleno Leavitt, Ph.D.
William deBerniere MacNider, M.D., Sc.D., LL.D.
Albert Ray Newsome, Ph.D.
Arthur Edward Ruark, Ph.D.
Maurice Taylor VanHecke, Ph.B., J.D.
John Brooks Woosley, Ph.D.

GENERAL STATEMENT

The School of Library Science opened in September, 1931, as a unit of the University of North Carolina. Made possible by a grant from the Carnegie Corporation, it is the culmination of a series of library science courses offered in the summer and regular terms since 1904. The School is accredited by the American Library Association and the Southern Association of Colleges and Secondary Schools.

The curricula of the school offer a basic course preparing the student for general library work. Three curricula are offered, permitting the student to specialize in preparation for work in one of three fields: elementary and high school libraries, city and county public libraries, or college and university libraries.

Quarters for the school, comprising laboratory and classrooms for the students and offices for the faculty, are in the University Library.

The town school system maintains a high school library and a combined elementary school and public children's library available for observation. Within driving distance of from thirty minutes to two hours are the city library system and the libraries of Duke University and its Woman's college at Durham, the State Library and the Library Commission headquarters at Raleigh, the public library and the libraries of the Woman's College of the University of North Carolina at Greensboro.

The principal requirement for admission is a bachelor's degree from an accredited college or university, with the exception that students of any accredited college or university who can qualify as full seniors with no deficiencies whatsoever in this institution may be admitted to the curriculum for public librarians or school librarians.

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* The Dean of Administration, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

A reading knowledge of French and German is essential to satisfactory work in college and university libraries and very desirable in other types of libraries. It is strongly urged, therefore, that applicants acquire such a reading knowledge before admission to the school.

Students must show reasonable ability in typewriting before admission to the school. A test in typewriting ability will be held early in the fall quarter.

Those over thirty-five years of age are advised not to apply for admission to the school unless they have been continuously engaged in library work or some similar pursuit.

Because of the special nature of many phases of library work, it is recommended that before beginning the course applicants familiarize themselves with library routines and terms, either through practice in a near-by library or by reading.

Applicants must show evidences of ability to do library work and must have had a well-balanced selection of courses leading to the required bachelor's degree. It is recommended that applicants interview a member of the faculty of the school before admission.

Amount of equipment and size of faculty necessarily *limit the enrollment.* The class will be chosen on a basis of individual promise of success and previous high scholarship standing.

For definite recommendations on the content of the preparatory work see the special catalogue of the School of Library Science.

Applicants should plan their entrance into the school at the beginning of the fall or summer quarter. Many courses have prerequisite work which cannot be taken unless the curriculum is begun at this time. In special cases, however, at the discretion of the Director, students may be admitted at the beginning of either of the other quarters, provided the maximum enrollment has not been reached.

Certain courses are open to seniors in the College of Arts and Sciences. They are listed under Department of Library Science in this catalogue at page 185.

On the completion of a curriculum in the School of Library Science, the University will grant to students entering with senior standing the degree of Bachelor of Arts; to those entering with a bachelor's degree, the degree of Bachelor of Arts in Library Science.

Nine courses must be satisfactorily completed in residence in the University of North Carolina for a degree in Library Science. Students who are admitted with advanced standing in library science must complete an equivalent number of courses in the school or in another branch of the University.

The residence requirement for a degree is three academic quarters. This requirement must be completed within five years.

The School of Library Science does not undertake to find positions for its graduates. It does, however, maintain, in coöperation with the other University bureaus, a placement bureau which endeavors to bring together its graduates and those who wish to employ library workers.

SUMMER SESSION

The courses of the regular session are repeated and all the requirements which apply in the regular session apply in the summer session.

A normal schedule of three courses will make it possible to complete the work for a degree in three summers.

APPLICATION FOR ADMISSION

Application for admission to the school for either the regular session or the summer session should be made *by May first*, if possible. Application should be made on forms which are secured from the *Director, School of Library Science, The University of North Carolina, Chapel Hill, N. C.*

SPECIAL CATALOGUE

Detailed information is given in a special catalogue of the School of Library Science.

PART SIX

COMMENCEMENT
CATALOGUE OF STUDENTS
INDEX

ONE HUNDRED AND FORTY-SECOND COMMENCEMENT
1937

Sunday, June 6th, Baccalaureate Sunday

BACCALAUREATE SERMON, Dr. Paul Dwight Moody

LAWN CONCERT—MEMORIAL CHIMES

"THE SEASONS"—Joseph Haydn, CHORAL SOCIETY

Monday, June 7th, Class Day and Parents' Day

SENIOR PRAYERS—PRESIDENT'S AND DEANS' RECEPTION

LUNCHEON FOR SENIORS AND GUESTS

LAWN CONCERT

ALUMNI CLASS REUNION SUPPERS

REUNION CLASS SUPPERS—"Old Students' Club,"
'24, '25, '26, '27; '05, '06, '07, '08; '12; '36

FOLK PLAYS—CAROLINA PLAYMAKERS

ALUMNI RECEPTION AND BALL

Tuesday, June 8th, Alumni Day and Graduation Exercises

INFORMAL CLASS GATHERINGS—REUNION CLASSES

ALUMNI PARADE—ALUMNI LUNCHEON

ORGAN RECITAL—BAND CONCERT

ACADEMIC PROCESSION

GRADUATION EXERCISES

COMMENCEMENT ADDRESS—Herbert Agar

"RIENZI OVERTURE"—WAGNER—UNIVERSITY CONCERT BAND

PRESIDENT OF THE SENIOR CLASS

PRESENTATION OF DIPLOMAS AND ADDRESS
Gov. Clyde R. Hoey

AWARDING OF HONORARY DEGREES

DEGREES IN COURSE

Bachelors of Arts

Marcus Lafayette Aderholdt, Jr.
Helen Howland Allen
‡George Andrew Anderson
Raymond Baddour
William Johnston Barbour
Walter Lane Barksdale
Joseph Robert Barrett
Edward Perry Benbow, Jr.
David Parker Bennett
Van Boring Bennett
Robert Linn Bernhardt, Jr.
Evelyn Kathleen Blanchard
Henry Stuart Blow
Robert Lewis Bolton, Jr.
Niles Woodbridge Bond
William Jackson Boone
Arnold Borden
Francis Lennon Bowen
Arnold Breckenridge
Raymond Brick
Harold Broady
Margaret Lucinda Brown
Walter Franklin Brown
James Asa Bruton
Walter Humphrey Buffey
Virginia Gordon Burd
Paschal Buford Burks, Jr.
†James Edwin Byerly
Bryon Caldwell
John Strong Calvert, Jr.
James Dickson Carr
Charles Clifton Chamness
Henry Toole Clark, Jr.
Earl Beardsley Connell
Bunyan Randolph Cooner
George Clarence Courtney, Jr.
Ruth Winifred Craig
Joseph Benjamin Crawford
‡Ruth Worth Crowell
‡Charles William Daniel
‡James Manly Daniel III
William Warren Daniel
‡Lydia Brawner Daniels
‡Frederick Knowles Dashiell
‡Walter Burke Davis, Jr.
William Kearny Davis
‡Catherine Olive DeCarlo
Joseph Patrick Derrickson
Oscar Paul Dickinson
‡George Loris Dover
‡William Anderson Dowling
Charles Wharton Edwards, Jr.
Alice Lavinia Eidson
Arnold Daniel Ellison
John vanGaasbeck Elmendorf
Anne Fauntleroy
Joseph David Feldman
‖Oscar James Fenegan, Jr.
James Ferger
James Ferguson Finlay, Jr.
Julia Rice Folsom
Benjamin Fletcher Fortune
Abol Hassan Fotouhi
John Richard Fulghum
Robert Morris Gardiner
John Walton Garrett
John Maurice Geary
Milton Reynolds Gibson, Jr.
Moses Braxton Gillam, Jr.
Sidney Gordon
Mary Elizabeth Greene
‡William Bibb Greet
Mary Agnes Gregg
Joseph Williamson Grier, Jr.
Nelson George Hairston
Peggy Hampton
Rufus Franklin Harward, Jr.
Mary Crittenden Haynsworth
Archibald Henderson, Jr.
‡Richard Hilton Hicks
Sidney S. Holt
Robert Cooke Howison, Jr.
Henry Pitts Hudson
James Alexander Hutchins, Jr.
George Ballard Ingle
Roberts Harrell Jernigan, Jr.
John Griffith Johnson
Roger Montfort Jones
Edwin Leonard Kahn
John Whitefield Kendrick
Langdon Chevis Kerr, Jr.
Josephine Dilworth Kessler
Philip Kind, Jr.
Frederick Theodore LaRochelle
William Thomas Lamm, Jr.
Jessie Catledge Langdale
Sidney Levine
Leonard Sidney Levitch
Leon Marcus Levitt
Henry Wilkins Lewis
Mary Tillery Lindsay
Mary Horton Lloyd
‡William Shields McClelland
Joseph Thomas McCullen, Jr.
George Cyrus MacFarland
Frank C. P. McGlinn
‡John McInnis, Jr.
Edith Roberts McIntosh

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‡In Journalism
†In Music
‖Deceased—degree granted posthumously

Donald Kennedy McKee
George Francis McKendry
James Bryan McMillan
James Strange McNeill, Jr.
John Arthur Macphee
Samuel Branson Marley, Jr.
†Wilton Elman Mason
Henry Steadman Matthews
Jule Alfred Medwin
Lawrence Edward Metcalf
Charles Smithdeal Miller, Jr.
Anita Pilar deMonseigle
Jean Sutton Morrison
David Willis Mosier
John Carpenter Murphy
Charles Carter Peyton Nicholson
Max Mordecai Novich
Mark Taylor Orr
Elizabeth Moring Page
Owen Hendricks Page
Carl Putnam Parker, Jr.
Ezra Alphonso Parker
John Johnston Parker, Jr.
James Marion Parrott
Walker Percy
Olin Charles Perryman, Jr.
Albin Pikutis
James Edward Poindexter
Bertram Lewis Potter
Helen Elizabeth Pritchard
Seymour Halbert Putterman
Elva Ann Ranson
Emery Elisha Raper
Edwin Albert Rasberry, Jr.
Mary Ray
James Slade Rhodes, Jr.
Blackwell Pierce Robinson
Frank Bloodworth Rogers
Randolph Macon Rooker
Robert Jonathan Rosenthal
‡Mary Anna Ross
Audrey Gene Rowell
Benjamin Franklin Royal, Jr.
Mary Cornelia Rumsey
Nannie Sue Sandlin
Alexander Reed Sarratt, Jr.
Archibald Henderson Scales II
Henry William Scott, Jr.
Louis deSchweinitz Shaffner
‡James Hansen Sivertsen
William Neville Sloan
DuPont Snowden
‡Dorothy Claire Snyder
Robert B. Sosnik
Tracy Neil Spencer, Jr.
Emmet Robinson Spicer
Jack Okin Spies
George Spencer Steele, Jr.
Gordon Conover Stenhouse
Elizabeth Elliott Stevens
Mary Esther Stevenson
‡Walter Bingham Stewart
Manuel M. Stier
Edmund Rhett Taylor
Ramona Carmen Teijeiro
Marjorie Thomas
Lewis Whitmel Thompson, Jr.
Bradford Lorin Tobey
Sara Bertha Townsend
Annie Cheshire Tucker
‡Marjorie Lois Usher
Ernest Davis Vanderburgh, Jr.
Edward Hoge Vick
‡Louise Frances Waite
‡Ruth Elizabeth Wall
Margaret Wallace
Ruth Phoebe Walston
David Minton Warren, Jr.
Julien Knox Warren, Jr.
Stewart Bethune Warren
Frederick Henry Weaver
William Edwin Webb, Jr.
Edgar Franklin Wells
Donald Gist Wetherbee
William Turpin Wheat
John Carroll Wiggins, Jr.
Samuel Bayley Willard
Giles McIntosh Williams
Robert Ransom Williams, Jr.
Thomas Wilson III
Ida Winstead
Lillian Louise Woodard
‡Irene Gilliam Wright
Martha Saunders Wyant
Benjamin Wyche III
Tempe Gee Yarborough
Trez Playor Yeatman
Milton Harry Yudell
‡Erika Sophia Zimmermann

Bachelors of Arts in Education

George Huron Arnold
David Worth Gamble
David Probasco Henry
Eleanor Ann Lockhart
Claude Joseph Pickett
Marvin Ray
Francis Edgar Thomas

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‡In Journalism

†In Music

Bachelors of Science in Chemistry

Coram Ernest Correll
Robert Francis Furchgott
Walter Fenwick Illman
Leslie Clute Lane, Jr.
Lola Carolyn Reid
Ralph Sherman Reinhart
Clarence Edwin Wilkins, Jr.

Bachelors of Science in Geology

Richard Dale Buck
Portland Portland Fox
John Westlake Frink
D'Arcy Roscoe George
Bunn Hearn, Jr.
Grover Elmer Murray
Earl Carlton VanHorn
George McDowell Yoder

Bachelors of Science in Medicine

John Francis Barber
B. Francis Barham
Paul McNeely Deaton
Thomas Burke Gray
James Theda Ginn
Horace Hayden Hodges
Walter Skellie Hunt, Jr.
Robert Lansing Norment
Walter Joseph Pijanowski
Benjamin Smith Skinner
George Ritchie Wall
Maurice Burton Winstead
Thomas Luther Worsley, Jr.

Bachelors of Science in Chemical Engineering

Angus Ferguson Davis
Frank Wyttenbach Ewbank
Edwin Austin Gaskill
Hill McIver Hunter, Jr.
Robert Lathan Jenkins, Jr.
Thomas Adolphus Sharp

Bachelors of Science in Civil Engineering

Donald Chase Douglas
Robert Paul Guarino
Daniel Lipshutz
Milton Arthur Lyons
Robert Hilles Peck
Wilho Nestor Suominen

Bachelors of Science in Electrical Engineering

Francis Wilson Campbell
Robert Lee Henson
Murray Honeycutt
Henry Clay McBrair
Alfred Clarence McCall
Joseph Star

Bachelors of Science in Mechanical Engineering

Albert Pennington Hyde
William Perry Kephart
James Alfred Miller
John Freeman Myrick
Kaleb Dawes Osborn
Harold Edward Robbins, Jr.

Bachelors of Science in Public Administration

George William Flynt, Jr.
Bernice Elaine Irwin
Frances Katherine Murphy
Mary Catharine Potts
Robert Varley

Bachelors of Science in Commerce

George Gilderoy Allen, Jr.
James Hinton Austin
Donald Clark Ballou
John Frederick Bosch, Jr.
Claude Walter Brown
Ray Everett Brown
James Wheaton Carmichael
Montford Boylan Carr

John Eugene Cay, Jr.
Harry Willard Cherry
Edward Braden Clark
Harold Miller Cole
Robert Leake Steele Cole
Hugh Thomas Conley
J. William Conner
Vivian Battle Crawford
Cecil Bruce Culbreth
Charles Marshall Davis
Graham Bernard Davis
Nannie Louise Davis
Ralph David Eichhorn
Albert Luther Ellis
John Raymond Erickson
Joseph Reid Fletcher
Thomas Elijah Gatewood
John Lewis Gouger
Thomas Williams Greene
Clarence A. Griffin, Jr.
Irvin Clifford Griffin
John Byron Hackett
Leo George Helliwell
John Henry Johnson, Jr.
Thomas Eli Joyner, Jr.
Edward Zahn King, Jr.
Odell King
Joseph Mordecai Kittner
Allan Solomon Knott
James Roy Lawing
Abraham J. Leinwand
Ralph Levine
Paul Cameron Lindley, Jr.
Nathan Lipscomb
Paul Hanna Livingston
Frank Alexander Longest
Aldred Walter Lowe
Ridgeway Trimble Lynch
Thomas Jack Lynch
Ernest Lyndon McKee, Jr.
Claude Cleveland Martin, Jr.
Frank Thomas Miller, Jr.
Preston Wooten Mosely
John Irvin Munyan
Carl Lea Peed
Walter Roy Poole
C. Morris Rhodes
Clara Cunningham Roberson
Eliza Evans Rose
Neville Ellett Ross
John Angier Satterfield
Berger Saylor
Louis Schehr
James Coburn Shell
Sidney Slotoroff
George Edwin Smalley
Council Wooten Southerland
George Brogden Spence
Herbert Paris Stallings
Clyde Livingston Stutts
Wilborne Sink Swaim
Norton F. Tennille
William Charles Thompson
William Woodrow Tice
Charles Brent Trexler
Louie David Turner
Oscar Leak Tyree
Van Wyck Hoke Webb
William Y. Wilkins, Jr.
Robert Ecker Williams
Leroy Brooks Yarborough

Doctors of Law

Clifton Clement Bennett
James William Copeland

Bachelors of Law

Hugh Quincy Alexander
Harold Kimsey Bennett
Walter Thomson Britt
Clayton Lee Burwell
Overton Wilson Clayton, Jr.
James Wilkinson Dorsey
Mark Stevenson Dunn
John Christoph Blucher Ehringhaus, Jr.
Harry Clinton Finch
Charles Fortune Gold, Jr.
John Baldwin Higby
Martin Levinson
Walter Raleigh McGuire
James David Mallonee, Jr.
Paul Fogle Mickey
William Blount Rodman
Harry Binder Stein
Sidney Joseph Stern
William Thornton Whitsett
John Hugh Williams
Staton Pender Williams
Kenneth Wharton Young

Bachelors of Science in Pharmacy

Phillip Augustus Brame
Rupert Edison Bullard
Amos Halsted Cornwell
Foster Howell Corwith
Charles Milton Crowell
Howard Spencer Fox

Adrian Eure Galloway
William Anderson Hayes
Horace Jackson Kee
George Woodrow McLean
John Ivey Matthews
John Agrippa Mitchener, Jr.
Henry Edwin Smith
John David Smith
William Julius Smith
Edward Vassar Stephenson
Herman O. Thompson
Samuel Monroe Turner
Jesse Williams Tyson
Coy Webster Waller
Joseph Winstead Watson
James Arthur Way, Jr.

Bachelors of Arts in Library Science

Virginia Alice Alexander
Fay Allen
Clyde Hull Cantrell
Bertha Elizabeth Cobb
Ann Glen-Rice Coleman
Nancy Hammond Felt
Mary Helen Frazier
Eleanor Anne Hammond
Kenneth Crawford Hayes
Alice Laidlaw Hicks
Margaret Virginia Hodges
Mary Louise Loos
Betty McDermed
Jean McLaurin
Hazel Lyon Mangum
Marguerite Morris
Edwin Calhoun Osburn
E. Melvin Pittenger
Rosa Dykes Quisenberry
Helen Blake Rosser
Hazel Morrell Shiring
Mary Elizabeth Sloane
Evelyn Todd
Howard Booth Turner
Jane Bliss Wilson
Charles Samuel Woodbury

Masters of Science

William L. Blankenburg
(in Civil Engineering)
Rufus Carson Cox, Jr.
Samuel Bradley Knight
Mamie Rose McGinnis
William A. Perry
Alton Guy Sadler

Masters of Arts

Katherine Lewis Barrier
James Payne Beckwith
Gerd Westalius Bernhart
James Roy Caldwell, Jr.
Martha Corbitt Chapman
Effie Estelle Doan
Elroy DuPuis
Francis Marion Durham
Carey DeWitt Eldridge
Francis Ghigo
Lucile Ayers Godbold
Naomi Esther Greene
Elliott Dow Healy
Ross Wright Hornbeck
Philip Mallory LeBaron
Jean McCaig
Ella Battle McDearman
Mary Banks McPherson
Myrtle Powell Mizell
Edward Francis Moyer
Winnie Alice Murphy
Josephine Morgan Niggli
Hermon Manley Parker
Margaret Kelley Perry
Edith Imogene Riddick
Donald Kirk Ritchie
Durant Waite Robertson, Jr.
Norma Virginia Rose
Jane Amelia Ross
Dorothy Elizabeth Seay
Leland Shanor
Nollie Wilbourne Shelton
Walter Spearman
Laurie Marguerite Stewart
James Ernest Thorpe, Jr.
Don Albert Watters
Philip Johnson Weaver
Robert Hackney Williams

Doctors of Philosophy

David Ethan Frierson, *Romance Languages*

Thesis: A Historical Study of the Language of Venice XIII, Franco-Italian Manuscript of the Fourteenth Century.

Brantson Beeson Holder, *Economics and Commerce*

Thesis: The Three Banks of the State of North Carolina, 1810-1872.

James Carr Loftin, *Chemistry*

Thesis: The Activity Coefficients of Lead Chloride in Aqueous Solutions of Mannitol: An Investigation of the Ion-Size Parameter.

John Berry McFerrin, *Economics and Commerce*

Thesis: Caldwell and Company: A Study in Southern Investment Banking.

John Miller Maclachlan, *Sociology*

Thesis: Mississippi: A Regional Social-Economic Analysis.

Bernice Milburn Moore, *Sociology*

Thesis: Age and Sex Distribution of the People as Conditioning Factors in Cultural Participation: A Study in Regional Demography in the United States.

Harry Estill Morre, *Sociology*

Thesis: Theories of Regionalism.

William John Olive, *English*

Thesis: Burlesque in Elizabethan Drama.

Norwood Lee Simmons, *Chemistry*

Thesis: The Precise Measurement of Gas Viscosities by the Oscillating Disk Method.

Joseph Carlyle Sitterson, *History*

Thesis: The Secession Movement in North Carolina, 1847-1861.

Albert Irving Suskin, *Classics*

Thesis: The Arrangement of Material in Livy, Books 31-45.

Hugh Thomas Swedenberg, Jr., *English*

Thesis: The Neo-Classic Theory of the Epic in England

John Archie Thompson, *Romance Languages*

Thesis: Alexandre Dumas and the Romantic Drama in Spain, 1830-1850.

William Rowe Weaver, *Romance Languages*

Thesis: An Introductory Study of Stage Devices in the *Siglo de Ora* Drama.

Delos Donald Wickens, *Psychology*

Thesis: The Transference of Conditioned Excitation and Conditioned Inhibition from One Muscle Group to the Antagonistic Muscle Group.

John Harold Wolfe, *History*

Thesis: Jeffersonian Democracy in South Carolina.

Jesse Hermon Wood, *Chemistry*

Thesis: A Study of the Action of Inorganic Sulfides upon Benzaldehyde and Related Compounds.

Comer Vann Woodward, *History*

Thesis: The Political and Literary Career of Thomas E. Watson.

THE UNIVERSITY CONCERT BAND

CENTENNIAL DANCE..Harold Cone

HONORARY DEGREES

Recipients presented on behalf of the Faculty by Archibald Henderson. Citations for the University by the President.

Doctors of Laws

Gerald Johnson   Haywood Parker   A. A. F. Seawell

MEDALS, PRIZES AND FELLOWSHIPS

THE EBEN ALEXANDER PRIZE IN GREEK	*Ida Winstead*
THE BRYAN PRIZE IN POLITICAL SCIENCE	*Fletcher James Barnes II*
THE HILL LAW REVIEW PRIZE	*James Melton Verner*
THE ARCHIBALD HENDERSON MEDAL IN MATHEMATICS	*Lawrence Earle Hinkle, Jr.*
THE LEDOUX FELLOWSHIP IN CHEMISTRY	*Walter William Owen*
THE JOSEPH LEWIS MEMORIAL AWARD	*Ramsay Douglas Potts, Jr.*
THE GRAHAM KENAN FELLOWSHIP IN PHILOSOPHY	*Convere Jones Burwell* *Edgar Franklin Wells*
THE MILDRED WILLIAMS BUCHAN PRIZE IN PHILOSOPHY	*Edgar Franklin Wells*
THE STUDENT LIBRARY AWARD	*Shelby Dade Foote*
THE F. W. HANCOCK PRIZE IN PHARMACY	*Joseph Winstead Watson*
THE AMERICAN PHARMACEUTICAL ASSOCIATION MEMBERSHIP PRIZE	*John David Smith*
THE LEHN AND FINK GOLD MEDAL IN PHARMACY	*Charles Milton Crowell*
THE BUXTON WILLIAMS HUNTER MEDAL IN PHARMACY	*William Junius Smith*
THE CAROLINA PLAYMAKERS FELLOWSHIP IN PLAYWRITING	*Joseph Lee Brown, Gwendolyn Margaret Pharis*
THE ROLAND HOLT AWARD IN PLAYWRITING	*Janie Malloy Britt*
THE CHI OMEGA PRIZE IN SOCIOLOGY	*Mary Cornelia Rumsey, Mary Lillian Speck*
THE PATTERSON AWARD	*Richard Dale Buck*
THE ALGERNON SIDNEY SULLIVAN AWARD	*Fred Henry Weaver*
THE MANGUM MEDAL	*Fred Henry Weaver*
THE BINGHAM PRIZE	*James Bryan McMillan*

BENEDICTION

Elected to Phi Beta Kappa, 1937: Lawrence Earle Hinkle, Jr., President; John McNeill Smith, Jr., Vice-President; W. F. Aberly, J. H. Allen, C. W. Blackwell, Nell B. Booker, O. H. Borum, R. E. Brown, Archibald Craige, R. C. Crooks, J. M. Daniel, R. M. Dowd, L. W. Dudley, R. D. Eichhorn, J. B. Foreman, R. F. Furchgott, L. I. Gardner, J. R. Gove, J. E. Greer, W. M. Haddaway, F. D. Heyward, R. H. Hicks, Robert Hooke, R. K. Horton, W. P. Hudson, W. S. Jordan, Jr., W. P. Kepwart, L. C. Lane, Jr., J. S. McNeill, Jr., R. N. Magill, B. S. Mitchell, P. R. Mulene, C. P. Nicholson, T. F. O'Brien, E. G. Outlaw, J. F. Patterson, Jr., W.R. Poole, Seymour Putterman, H.J. Rosenbaum, R.J. Rosenthal, H. W. Scott, Jr., E. H. Seawell, C. A. Shaw, Jr., Mary E. Stevenson, H. T. Swedenberg, Jr., J. A. Tate, Jr., E. F. Wells, F. S. Brown, J. W. Coan, G. A. Heard, J. Scott Hunter, J. W. Kendrick, A. S. Konefal, R. W. Linville, W. T. McGowen, Jr., N. C. Read.

Elected to Sigma Xi, 1937: *Full Membership*—J. C. Loftin, N. L. Simmons, Katherine Way, J. H. Wood; *Associate Membership*—C. V. Cannon, Whitfield Cobb, Jr., George Crouch, Jr., H. L. Edwards, J. E. Everett, Leon Galloway, J. K. Hodges, C. C. Jones, P. H. Latimer, Jr., E. P. H. Meibohm, Grover Murray, Herman Parker, Don Ritchie, C. N. Sanford, C. L. Seebeck, Jr., J. A. Southern, Laurie M. Stewart, J. W. White.

Elected to the Order of the Coif, 1937: S. J. Sterns, J. A. Wellons.

DEGREES CONFERRED IN AUGUST 1937

Bachelors of Arts

Ross Guerard Allen
Frances Elizabeth Austin
James Benjamin Carlisle
Ruth Carolyn Covington
Charles Columbus Erwin
Edward Benjamin Ferguson, Jr.
James Royall Frazer
Edgar Graham Gammon, Jr.
Thompson Ritner Harlow
John Lawrence Jones, Jr.
Edward Cutler Joyner
Frank Carl Joyner
Jeremiah Kisner
Nancy Zollicoffer Kyser
George Norman Pierce Leetch
Ruth Page
Harry Rhodes, Jr.
William Hamilton Sawyer, Jr.
Mack Simmons
Eileen Mabel Smith
Marietta Helen Smith
John Austin Tate, Jr.
James Rhodes Wright

Bachelors of Arts in Education

Harvey William Gwyn
James Roland McCachren
Earlie Clifford Sanderson
Olin Ray Yeager

Bachelor of Science in Chemistry

Charles Lee Corpening

Bachelors of Science in Medicine

Albert Edward Corpening
Erastus Genair Goodman
Will Hardie Lassiter, Jr.
Robert Toms Pigford
Thomas Sparrow Long

Bachelor of Science in Chemical Engineering

Jesse Clark Johnson

Bachelor of Science in Mechanical Engineering

Eugene Russel Cate

Bachelors of Science in Commerce

John Calhoun Bower, Jr.
Edward Price Grant
Horace Emerson Hamilton
James Robert Lothian
Charles McIver
Andrew Lawrence Simpson

Bachelors of Laws

Alex Boyd Andrews III
Frederick Gustave Henderson, Jr.
Israel Harry Jacobson
Hugh Stuart McDiarmid
Edward Alford Morgan
Henry Charles Rancke, Jr.
Earlie Clifford Sanderson
John Henry Sembower

Bachelors of Arts in Library Science

Evelyn Boyd
Stanley Dowdell Brown
Margaret Eleanor Combs
Jessie Amy Fuller
Sidney Holmes
Isabella Jinnette
Jeanne Marie LeBlanc
Emily Louise Loftin
Jane Llewellyn McDaniel
Caroline Heiskell Parks
Beulah Benton Stroud
Georgia Lewis Thomas

Masters of Science

Henry Grady Dorsett, Jr.
Joe Henry Watkins

Masters of Arts

William Brantley Aycock
J. McLean Benson
Mary Elizabeth Bitting
Cullen Paul Brooks
Charles Lemuel Carroll, Jr.
Rachel Wells Carroll
Ernest W. Cason
Atlas Lawrence Cheek
Mabel Benner Cobb
James Filmore Cook
Nena DeBerry
James Floyd Fletcher
Rosalyn Howard Gardner
Edward Hiram Gibson III
Beverley DuBose Hamer
James Woodrow Hassell
Manning Hawthorne
Elizabeth Johnson
William Henry Kampschmidt
Jules Alexander Karlin
Ruth Wharton Kuykendall
William Albert McKnight
Mary Stuart Mills
Charles Albert Petigru Moore
Joseph Edgar Morris
John William Parker
William Peery
James Warren Rabun
William Lawrence Rhyne
Thomas Moormam Simkins, Jr.
Virginia Beckett Simkins
Robert Edward Smith
Anne Blanche Stewart
Leon Bayard Taylor
Vincent Heath Whitney
Nihat Ferit Yapar

Doctors of Philosophy

Edward Hutchings Anderson, *Economics and Commerce*
Thesis: The Process of Internal Organization.

Convere Jones Burwell, *Philosophy*
Thesis: The Relation of Hegelian Epistemology to the Development of Individuality.

Charles Edward Cauthen, *History*
Thesis: Secession and Civil War in South Carolina.

James Edmund Congleton, *English*
Thesis: The Neo-Classic Theory of Pastoral Poetry in England.

Henry Leitner Edwards, *Chemistry*
Thesis: A Scheme of Qualitative Analysis, Involving the Use of Organic Reagents.

Margaret Jarman Hagood, *Sociology*
Thesis: Mothers of the South: A Population Study of Native White Women of Childbearing Age of the Southeast.

John Kennedy Hodges, *Chemistry*
Thesis: The Sulfonation of Certain Aliphatic Hydrocarbons.

Merton Ogden Phillips, *Economics and Commerce*
Thesis: Tramp Shipping: Its Changing Position in World Trade.

THE CATALOGUE OF STUDENTS
The Graduate School, 1937-1938

(Note: No distinction is made in this list between admission to the Graduate School and admission to candidacy for a degree. When no institution is mentioned from which the degree was received, the University of North Carolina, Chapel Hill, is understood.)

Abernethy, Alice Lenora........Cornelius
B.S., Appalachian State Teachers Coll., 1934, fws. *Education*

Ackerman, Arnold William........Brooklyn, N. Y.
B.S., Columbia Univ., 1936, fws. *Chemistry*

Adams, George Cotton Smith........Columbia, S. C.
A.B., 1933. *French, Spanish*
A.M., 1934, fws.

Adams, Margaret Elinor........Chapel Hill
S.B., Univ. of Oregon. 1933. *French*
A.M., 1936, f.

Alexander, Mary Lloyd........Chapel Hill
A.B., 1937, s. *Social Work*

Allen, Francis Robbins........Chapel Hill
A.B., Antioch Coll., 1931. *Sociology, Social Work*
A.M., Columbia Univ., 1936, fws.

Allen, Mary Theresa........Greenwood, S. C.
A.B., Lander Coll., 1937, fws. *English*

Alley, Julia Melba........Petersburg, Va.
A.B., Randolph Macon Woman's Coll., 1936, fws. *English*

Ambrose, Elizabeth Byers........Conway, S. C.
A.B., Columbia Coll., 1937, fws. *English*

Andrews, Columbus........Morganton
A.B., 1927. *Rural Social-Economics, Economics*
A.M., 1928, s.

Andrews, Edwin Ruffin........Milledgeville, Ga.
B.S., Presbyterian Coll., 1936. *Chemistry*
M.A., Emory Univ., 1937, fws.

Anson, Charles Phillips........Keyser, W. Va.
B.A., Univ. of Wisconsin, 1924. *Economics*
A.M., Ohio State Univ., 1930, s.

Arrowood, Ralph Davis........Bessemer City
A.B., Elon Coll., 1927, fws. *Education*

Ashby, Richard........Coral Gables, Fla.
A.B., Univ. of Florida, 1936, f. *Sociology, Economics*

Atkinson, Marian........Ames, Iowa
A.B., Drake Univ., 1937, fws. *French, Comparative Literature*

Aycock, Annie Dorothy........Pikeville
A.B., Atlantic Christian Coll., 1937, fws. *Zoölogy, Botany*

Backenstoss, Ross Elwood, Jr.........Washington, D. C.
A.B., American Univ., 1935, s. *German, French*

Bailey, Rietta Winn........Cochran, Ga.
A.B., Wesleyan Coll., 1934, fws. *Dramatic Art, Comparative Literature*

Bailey, Robert King........Rochester, N. Y.
A.B., Univ. of Rochester, 1937, s. *Social Work, Sociology*

Bailey, William Fleming........High Point
A.B., Guilford Coll., 1932, f. *Sociology*

Balch, Jackson McCaleb........Huntsville, Ala.
B.A., Trinity Coll., Dublin (Ireland), 1936, fws. *Economics*

Barksdale, Walter Lane........Greensboro
A.B., 1937, fws. *Botany*

Barrett, John Alfred	A.B., 1935, s.	Ponce, Puerto Rico	*Spanish, French*
Barrett, Linton Lomas	A.B., Mercer Univ., 1928. A.M., *ibid.*, 1929, fws.	Chapel Hill	*Spanish, French*
Bartz, Warren Frederick	B.S., Iowa State Coll., 1935, fws.	Sheldon, Iowa	*Chemistry, Physics*
Baynes, Eloise	A.B., Salem Coll., 1937, fws.	Winston-Salem	*Latin, History*
Beech, Gould Means	A.B., Univ. of Alabama, 1934, fws.	Montgomery, Ala.	*Special*
Bennett, David Parker	A.B., 1937, f.	Asheville	*Music, Education*
Berger, Bernard	B.A., Catawba Coll., 1935, fws.	Brooklyn, N. Y.	*Chemistry*
Bernhardt, Harvey Adolphus	A.B., Catawba Coll., 1937, fws.	Salisbury	*Chemistry*
Best, Eloise Elizabeth	A.B., High Point Coll., 1932, fw.	Hign Point	*Education*
Bezanson, Warren Benjamin	A.B., Guilford Coll., 1934. B.E., Teachers Coll. of Connecticut, 1937, fws.	West Hartford, Conn.	*English*
Bice, Harry Voorhies	A.B., Temple Univ., 1924. A.M., 1935, s.	Chapel Hill	*Psychology, Sociology*
Blackshear, William St.John	LL.B., Univ. of Texas, 1920. B.D., Virginia Theological Seminary, 1924, fws.	Austin, Tex.	*Political Science, History*
Blackwelder, Ruth	A.B., Wittenberg Coll., 1922. A.M., 1930, fws.	Concord	*History, Political Science*
Blaine, James Cyril Dickson	B.S., Queen's University, Canada, 1934, fws.	Rouleau, Sask., Canada	*Economics, Commerce*
Bloch, Dorothy	A.B., Hunter Coll., 1931, f.	Brooklyn, N. Y.	*Dramatic Art*
Blond, Bernard	B.S., Wilson Teachers' Coll., 1937, ws.	Greensboro	*Education*
Blow, Henry Stuart	Candidate for A.B., 1938, fws.	Edenton	*Economics*
Bobbitt, Mary T.	A.B., Trinity Univ., 1937, ws.	Hamburg, N. Y.	*English*
Bolton, Robert Lewis, Jr.	A.B., 1937, fws.	Chapel Hill	*Psychology*
Bonner, Brant	Ph.B., Univ. of Chicago, 1931, fws.	Chapel Hill	*Economics*
Bonner, Carolyn	A.B., Adelphi Coll., 1934, ws.	Chapel Hill	*Social Work, Sociology*
Borden, Arnold	A.B., 1937, fws.	Goldsboro	*History, Archeology*
Bowen, Anne Moseley	A.B., Coll. of William and Mary, 1936, ws.	Pounding Mill, Va.	*Dramatic Art, English*
Brabham, Hattie Jean	A.B., Winthrop Coll., 1936, fws.	Batesburg, S. C.	*Dramatic Art*
Brady, Mary Ellen	B.A., Flora Macdonald, 1934, fw.	Hemp	*English*
Breibart, Solomon	A.B., Coll. of Charleston, 1936, fws.	Charleston, S. C.	*History, Political Science*

Brewer, Georgia Ann A.B., Atlantic Christian Coll., 1936, fws.	New Bern *French, Spanish*
Brietz, Edwin Raymond A.B., 1936, fw.	Winston-Salem *Music, Education*
Browder, Walter Gordon A.B., Univ. of Virginia, 1936, fws.	Church Road, Va. *Sociology, Rural Social-Economics*
Brown, Joseph Lee A.B., 1936, fws.	Chapel Hill *Dramatic Art*
Brown, Margaret Lucinda A.B., 1937, fws.	Asheville *Social Work*
Buford, Albert Hunter A.B., Univ. of Tennessee, 1934, fws.	Knoxville, Tenn. *English*
Bulla, Lillie A.B., Guilford Coll., 1911, f.	Asheboro *Social Work*
Bunn, Genevieve Sullivant A.B., High Point Coll., 1935, fw.	High Point *Education, History*
Bunting, Frederick Horner A.B., Univ. of the South, 1927, fws.	Chapel Hill *Economics*
Burdett, Philip Hawley A.B., Drew Univ., 1936. M.S., Syracuse Univ., 1937, fws.	Madison, N. J. *Chemistry*
Burnett, Annetta Rose A.B., Greensboro Coll., 1937, s.	Burgaw *Dramatic Art*
Campbell, Arthur Hartwell B.S., Wake Forest Coll., 1936, f.	Buie's Creek *Sociology*
Cannon, C. Vernon B.S., Univ. of Virginia, 1935, fws.	Ayden *Chemistry, Physics*
Cannon, Lawrence Marion B.S., Elon Coll., 1921, w.	Concord *Economics, Education*
Cantrell, Floyd S. A.B., Mercer Univ., 1925. A.M., *ibid.*, fws.	Ellenboro *Education*
Cantrell, Mrs. Floyd S. A.B., Bessie Tift Coll., 1919. A.M., Mercer Univ., 1926, fws.	Ellenboro *Education*
Carpenter, Philip Latimore A.B., Clark Univ., 1935, fws.	New London, Conn. *Zoölogy, Botany*
Carroll, Charles Lemuel, Jr. B S., Guilford Coll., 1936. A.M., 1937, fws.	Greensboro *Mathematics*
Cashion, Wade Neal B.A., Southern Y.M.C.A. Coll., 1924. M.A., Emory Univ., 1929, fws.	Chapel Hill *Social Work*
Cates, Mary Edlee A.B., Meredith Coll., 1937, f.	Burlington *Social Work*
Cathey, Cornelius Oliver A.B., Davidson Coll., 1928. A.M., *ibid.*, 1929, s.	Davidson *History, Political Science*
Childs, Floyd A.B., Brenau Coll., 1923, fws.	Elon College *Dramatic Art*
Christenberry, George Andrew B.S., Furman Univ., 1936, fws.	Greenville, S. C. *Botany*
Clanton, Benjamin Reid B.S., Furman Univ., 1936, fws.	Lancaster, S. C. *Chemistry*
Clark, Samuel Friend A.B., West Virginia Univ., 1934. M.S., *ibid.*, 1937, fws.	Morgantown, W. Va. *Chemistry*

Clement, Sheldon Leroy.....Raleigh
B.S., Mississippi A. & M. Coll., 1924.
M.S., N. C. State Coll., 1932, w. *Economics*

Clough, Eleanor Maxine.....Bangor, Me.
B.A., Mount Holyoke Coll., 1937, fws. *Dramatic Art, Comparative Literature*

Cochran, Mary Lue Brown.....Livingston, Tex.
B.S., Columbia Univ., 1925, fw. *Social Work*

Coker, Coit McLean.....Chapel Hill
A.B., 1935, fws. *Zoölogy, Botany*

Coleman, A. Lee.....Atlanta, Ga.
A.B., Emory Univ., 1937, fws. *Sociology, Political Science*

Cone, Harold Simpson.....Greensboro
A.B., Harvard Univ., 1935, f. *Music*

Conrad, Walter Eugene, Jr.....Lexington
A.B., Duke Univ., 1935, fws. *Education*

Conte, Louis Benedict, Jr.....Newark, N. J.
B.S., 1936, f. *Chemistry*

Cook, James Filmore.....Lenoir
A.B., 1935.
A.M., 1937, fws. *German, French*

Cooner, Bunyan Randolph.....Washington, D. C.
A.B., 1937, f. *Political Science*

Cornsweet, Albert Charles.....Cleveland, O.
Ph.B., Brown Univ., 1929, fws. *Psychology*

Corrie, George Bruce.....Chapel Hill
B.S., Wake Forest Coll., 1937, ws. *Economics, Sociology*

Council, Iris Lurana.....High Point
B.S., George Peabody Coll. for Teachers, 1927, s. *Social Work, Sociology*

Covington, Howard Earl.....Louisville, Miss.
B.S., Mississippi State Coll., 1937, fws. *Sociology*

Cox, Hiden Toy.....Greenville, S. C.
B.S., Furman Univ., 1936.
B.A., *ibid.*, 1937, fws. *Botany, Zoölogy*

Crabtree, Beth Gilbert.....Raleigh
A.B., Meredith Coll., 1937, ws. *History*

Craps, John Ellis.....Columbia, S. C.
A.B., Univ. of South Carolina, 1932.
M.A., Univ. of Vermont, 1934, fws. *German*

Creech, Walter Devereaux.....Chapel Hill
A.B., 1928.
A.M., 1930, w. *French, Spanish*

Crissy, William J. E.....Cambridge, Mass.
B.S., West Chester Teachers Coll., 1935.
Ed.M., Harvard Univ., 1937, fws. *Education, Psychology*

Criswell, Jack Fowler.....Raleigh
B.S., Texas A. & M. Coll., 1928.
M.S., *ibid.*, 1931, ws. *Economics*

Cromer, Grace Estelle.....Atlanta, Ga.
Candidate for A.B., Univ. of Georgia, 1938, s. *Social Work*

Crouch, George Edward, Jr.....Williston, S. C.
B.S., Furman Univ., 1935.
M.S., Vanderbilt Univ., 1936, fws. *Physics, Mathematics*

Crow, Emily Polk.....Chapel Hill
B.A., Univ. of Texas, 1934, fws. *Dramatic Art, Comparative Literature*

Crutchfield, Robert Willingham.....Albermarle
A.B., Wake Forest Coll., 1930, fws. *Commerce, Economics*

Daggett, Gwynne Harris.....White Plains, N. Y.
A.B., Cornell Univ., 1928.
A.M., *ibid.*, 1929, fws. *English*

Davis, Alice............Chapel Hill
A.B., Radcliffe Coll., 1915, fs. *Sociology, Social Work*

Davis, Benson Willis............Chapel Hill
A.B., 1929. *Latin*
A.M., 1935, fws.

Davis, Beulah Elizabeth............Cleveland
Candidate for A.B., 1938, s. *Social Work*

Davis, Margaret Clarine............High Point
A.B., High Point Coll., 1929, f. *Social Work, Sociology*

Davis, Philip Harvey............Coshocton, O.
A.B., Miami Univ., 1930. *English*
A.M., *ibid.*, 1936, fws.

Deans, Clyde............Wilson
A.B., Atlantic Christian Coll., 1937, fws. *English*

DeNoia, John............Rome, N. Y.
Candidate for A.B., 1938, fws. *Spanish, French*

Deppe, Ellen Frances............Biltomore
A.B., 1936, f. *Dramatic Art*

Dichmann, Mary Ethel............New Orleans, La.
A.B., Sophie Newcomb Coll., 1935, fws. *English*

Di Costanzo, Attilio............Rochester, N. Y.
A.B., Hobart Coll., 1929, fws. *French, Comparative Literature*

Di Costanzo, Nestore............Rochester, N. Y.
A.B., 1934, f. *Mathematics*

Diehl, Caroline Vogler............Winston-Salem
A.B., Salem Coll., 1937, fws. *French, Spanish*

Dodd, Dorothy............Tallahassee, Fla.
B.S., Florida State Coll. for Women, 1923. *Special*
M.A., *ibid.*, 1929.
Ph.D., Univ. of Chicago, 1933, f.

Donehoo, Louise............Atlanta, Ga.
A.B., Georgia State Coll. for Women, 1936, fws. *Sociology, Economics*

Donovan, Clement Harold............Chapel Hill
B.S., St. Lawrence Univ., 1931, ws. *Economics*

Donovan, Elizabeth Whitbeck............Mayodan
A.B., Woman's Coll., U.N.C., 1934. *Economics, Sociology*
A.M., 1936, f.

Dorsett, Henry Grady, Jr.............Chapel Hill
B.S , Wake Forest Coll., 1934. *Physics*
A.M., 1937, fws.

Doubles, James Arthur, Jr.............Greensboro
A.B., 1935, fws. *Botany, Zoölogy*

Drake, Joseph Turpin............Port Gibson, Miss.
B.S., Davidson Coll., 1934, fws. *Sociology*

Dubs, Florence Arnold............Durham
A.B., Georgetown Coll., *Dramatic Art*
A M., Columbia Univ., 1917, s.

Dudley, Frances Blythe............Huntersville
A.B., Queen's Coll., 1925, f. *Social Work*

Dugan, Arthur Butler............Aberdeen, Miss.
A.B., Princeton Univ., 1932, *Political Science, History*
B.Litt., Oxford Univ. (England), 1935, fws.

Duls, Mae Hayward............Charlotte
A.B., Agnes Scott Coll., 1935, s. *Social Work*

Dunlap, Miles Dorsey............Athens, Ga.
B.S., Mississippi State Teachers Coll., 1924 *Sociology*
M.A., Vanderbilt Univ., 1926, fws.

Eaddy, Henry Edward, Jr. .... Raleigh
B.S., Clemson Coll., 1936, f.
Botany

Edwards, Eleanor Larue .... Cary
A.B., Meredith Coll., 1937, fws.
English

Edwards, Richard Archer .... Chapel Hill
B.S., Univ. of Michigan, 1931.
M.A., Univ. of Cincinnati, 1934, fws.
Geology

Elder, Fred Kingsley .... Montreat
Diploma, U. S. Naval Academy, 1912.
M.A., State Univ. of Iowa, 1937, fws.
Education, Mathematics

Eldridge, Carey DeWitt .... Chattanooga, Tenn.
B.A., Univ. of Virginia, 1935.
A.M., 1937, fws.
French, Spanish

Eliason, Mary Howell .... Statesville
A.B., N. C. Coll. for Women, 1925.
A.M., 1927, s.
English, History

Engstrom, Alfred Garvin .... Belvedere, Ill.
A.B., 1933.
A.M., 1935, fws.
French, Spanish

Estabrook, Cornelia .... Pasadena, Cal.
A.B., Vassar Coll., 1936, s.
History

Evans, Kenneth .... Commerce, Tex.
B.A., Univ. of Texas, 1925.
M.A., *ibid.*, 1928, fws.
Sociology, Rural Social-Economics

Eyler, Anna Dorcas .... Baltimore, Md.
A.B., Goucher Coll., 1932, w.
Social Work

Farthing, Charles L. .... Browns Summit
A.B., Carson-Newman Coll., 1929, fw.
Education

Fenn, Donald Fisher .... Hampton, Va.
A.B., Harvard Univ., 1915.
M.S., Cornell Univ., 1931, fws.
Economics

Fincher, John Albert .... Union, S. C.
B.S., Univ. of South Carolina, 1933.
M.S., *ibid.*, 1935, fws.
Zoölogy, Botany

Fletcher, Floyd .... Raleigh
Candidate for A.B., 1938, s.
Sociology

Floyd, Marcus Wayland .... Lumberton
A.B., Wake Forest Coll., 1936, fws.
History

Ford, William Halcot .... High Point
B.A., Univ. of South Carolina, 1923.
M.A., *ibid.*, 1928, fws.
Economics

Foster, George Harding .... Jackson Heights, N. Y.
A.B., Washington and Lee Univ., 1934.
A.M., *ibid.*, 1935, fws.
English

Foster, William Omer .... Dunn
A.B., Transylvania Coll., 1910.
M.A., Columbia Univ., 1924, fs.
History, Sociology

Foust, Frances Katherine .... Greensboro
A.B., Woman's Coll., U.N.C., 1936, fws.
Botany

Fowler, George Robertson .... Clinton, Tenn.
B.A., Univ. of Tennessee, 1937, fw.
Botany

Freeman, Robert Belmont .... Chapel Hill
A.B., 1933, fw.
French, Spanish

Freeman, Thomas Benjamin .... Hendersonville
A.B., 1927, s.
Education

Galloway, Leon .... Cherryville
B.S. in Chem. Eng'g., Virginia Polytechnic Inst., 1935, fws.
Chemistry, Mathematics

Gardner, Lytt Irving .... Reidsville
Candidate for A.B., 1938, s.
Zoölogy, Chemistry

Garriss, Howard Reed.......Conway
B.S., N. C. State Coll., 1931, f. *Botany*

Gass, Edmund Cody.......Knoxville, Tenn.
B.A., Carson-Newman Coll., 1927. *Political Science, History*
M.A., Univ. of Tennessee, 1931, fws.

Gates, Harriet Irene.......Kinston
B.A., Berea Coll., 1933, f. *Sociology, Social Work*

Gault, Robert Lynn.......North Jackson, O.
A.B., Hiram Coll., 1937, fws. *Dramatic Art, English*

Gayle, William Teague.......Greenville, Ala.
B.S., Univ. of Alabama, 1921. *English*
LL.B., *ibid.*, 1923.
M.A., *ibid.*, 1928, fws.

Geisert, Harold Loran.......University, Ala.
A.B., Univ. of Illinois, 1929. *Sociology, Rural Social-Economics*
M.A., *ibid.*, 1930, fws.

German, Leora.......Boomer
A.B., Berea Coll., 1934, fws. *Social Work*

Gillespie, Eunice Ethel.......Seneca, S. C.
B.S., Asheville Teachers' Coll., 1937, f. *Education*

Glaser, Edit Ullstein.......Durham
Matur. Certif., Bismarck-Lyzeum (Berlin), 1924, fws. *Psychology, Social Work*

Gordon, Harold.......Brooklyn, N. Y.
A.B., 1936, f. *German, Comparative Literature*

Gore, Arabella.......Wilmington
A.B., Meredith Coll., 1935, f. *English*

Griffin, Barbara H. Otis.......Chapel Hill
A.B., Converse Coll., 1936, f. *English*

Griffin, Marjorie Alberta.......Norfolk, Va.
B.A., Sweet Briar Coll., 1936, fws. *Sociology, Economics*

Griffin, Max Liles.......Monroe
B.A., Wake Forest Coll., 1929. *English*
M.A., Tulane Univ. of Louisiana, 1931, fws.

Grotyohann, John Walter Charles.......Brooklyn, N. Y.
A.B., 1931, s. *Philosophy, Psychology*

Grubb, Gerald Giles.......Chapel Hill
A.B., Catawba Coll., 1928. *English*
M.A., Wake Forest Coll., 1934, fws.

Gruhn, William T.......Aberdeen, S. D.
B.S., Northern Normal of South Dakota, 1926. *Education*
M.A., Univ. of Minnesota, 1933, s.

Gulledge, Hugh Clifton.......Big Creek, Miss.
B.A., Mississippi Coll., 1937, fws. *Chemistry*

Hackett, John Byron.......Roselle Park, N. J.
S.B. in Comm., 1937, fws. *Commerce, Economics*

Haddaway, Warren Monroe.......West Chester, Penna.
Candidate for S. B., 1938, s. *Commerce, Economics*

Haden, Walter Linwood, Jr.......Richmond, Va.
B.S., Univ. of Richmond, 1936, fws. *Chemistry, Physics*

Hairston, Nelson George.......Mocksville
A.B., 1937, fws. *Zoölogy, Botany*

Hammond, Eugene Ashby.......Rowland
A.B., 1934, fws. *History, Political Science*

Happoldt, William Bernard, Jr.......Charleston, S. C.
B.S., Coll. of Charleston, 1937, fws. *Chemistry*

Harris, Raymond Clement.......Sweetwater, Tenn.
B.S., Carson-Newman, 1937, fws. *Chemistry*

Hartsell, Earl Horace	A.B., 1924. A.M., 1935, ws.	Chapel Hill	*English*
Hartshorn, Marion	B.A., Georgia State College for Women, 1935, s.	Raleigh	*Dramatic Art, English*
Hassell, Allene Brinkley	A.B., East Carolina Teachers Coll., 1929. M.A., Duke Univ., 1937, f.	Durham	*Sociology, Psychology*
*Hatch, H. Temple	B.Sc., University of New Brunswick, Canada, 1936, fw.	Quebec, Canada	*Chemistry*
Hawkins, Ethel Crew	A.B., N. C. Coll. for Women, 1925, s.	Chapel Hill	*Sociology, Psychology*
Hawley, Frank Morton, Jr.	A.B., 1933, s.	Madison	*Commerce, Economics*
Healy, Elliott Dow	A.B., Coll. of William and Mary, 1931. A.M., 1937, fws.	Chapel Hill	*French, Spanish*
Heldman, Lynette	A.B., Mount Holyoke Coll., 1935, fws.	Yonkers, N. Y.	*Dramatic Art, English*
Henderson, Archibald, Jr.	A.B., 1937, fws.	Chapel Hill	*Political Science*
Hicks, James Earl	A.B., Washington and Lee Univ., 1936, fws.	Rockville Centre, N. Y.	*Economics*
Hill, Pattie Elizabeth	A.B., Greensboro Coll., 1935, f.	Ansonville	*Zoölogy*
Hilton, Henry Hoyt, Jr.	A.B., Dartmouth Coll., 1926, fws.	Chapel Hill	*French, Spanish*
Hinds, Anthony Keith	A.B., Birmingham-Southern Coll., 1930. A.M., Univ. of Alabama, 1932, fws.	Cullowhee	*Mathematics*
Hines, Cornelia Ravenel	A.B., Winthrop Coll., 1916. A.M., *ibid.*, 1921. A.M., Columbia Univ., 1932, fws.	Seneca, S. C.	*History, Sociology*
Hinnant, Charles Bryant	A.B., Atlantic Christian Coll., 1934, ws.	Micro	*Education*
Hinnant, Mary Evelyn	A.B., Atlantic Christian Coll., 1936, ws.	Micro	*English, History*
Hinson, William Dewey	A.B., 1930, w.	Chapel Hill	*Botany, Zoölogy*
Hirsch, Stanley Irwin	A.B., Univ. of Wisconsin, 1937, fws.	Brooklyn, N. Y.	*Social Work*
Hobbs, Gertrude King	B.S., Woman's College, U.N.C., 1930, ws.	Greensboro	*Sociology*
Hodge, Mary Wilma	B.A., University of Mississippi, 1930. M.A., *ibid.*, 1931, fws.	University, Miss.	*Physics, Mathematics*
Holman, Anne Miller	A.B., Mary Baldwin Coll., 1934, fws.	Lee, Va.	*History, Political Science*
Holmes, Margaret Bell	A.B., Woman's Coll., U.N.C., 1936, f.	Haw River	*Social Work*
Holroyd, George Clinton	S.B., 1928. S.M., 1929, s.	Chapel Hill	*Chemistry, Physics*
Honeycutt, Allison William	A.B., Wake Forest Coll., 1902, fw.	Chapel Hill	*Education*

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* Died February 27, 1938

Hood, Robin Pope.....Raleigh
B.S., N. C. State Coll., 1937, fws. *Economics, Commerce*

Hooke, Robert.....Greensboro
Candidate for A.B., 1938, s. *Mathematics*

Horner, George Frederick.....York, Penna.
B.S., Pennsylvania State Coll., 1921. *English*
M.A., *ibid.*, 1924, s.

Horrell, Joe.....Bardwell, Ky.
A.B., Murray State Teachers Coll., 1936. *English*
M.A., Vanderbilt Univ., 1937, fws.

Howard, Fred Ervin, Jr......Chapel Hill
A.B., 1935, fws. *Dramatic Art*

Howell, Emma Davis.....Raleigh
A.B., Duke Univ., 1928, s. *Social Work*

Howell, Everette Irl.....Lula, Miss.
B.A., Mississippi State Coll., 1936. *Physics*
M.S., Vanderbilt Univ., 1937, fws.

Howell, Jones Vonore.....Ivy
B.S., Carson-Newman Coll., 1927, fws. *Mathematics*

Howell, Waitus Woodard.....Goldsboro
A.B., Elon Coll., 1936, s. *Commerce, Economics*

Hulme, Francis Pledger.....Asheville
A.B., 1936. *English*
M.A., Emory Univ., 1937, fws.

Hunt, Edwin Clyde.....Lexington
A.B., 1923, f. *Social Work*

Huntley, Elizabeth Ashman.....Beaufort
A.B., Woman's Coll., U.N.C., 1934, fws. *Psychology*

Hutchins, James Alexander.....Winston-Salem
A.B., 1937, fws. *Sociology, Political Science*

Hutchinson, James Glenn.....Tampa, Florida
A.B., Emory Univ., 1936, fws. *Sociology*

Huth, Mari Luise.....Guilford College
A.B., Teachers Coll., Columbia Univ., 1933. *German*
M.A., ibid., 1935, fws.

Ingram, William Prentiss.....Morven
B.S., N. C. State Coll., 1935, fws. *Chemistry, Physics*

Jeter, Douglas DeLashmette.....Athens, Ga.
A.B., Furman Univ., 1925. *Geology*
M.A., University of Georgia, 1930, fws.

Johnson, Rachel.....Jackson, Miss.
A.B., Mississippi Woman's Coll., 1923, s. *French, English*

Johnson, William Ray, Jr......Winston-Salem
S.B., 1935, fws. *Geology*

Jones, Creighton Clifton.....Pittsburgh, Penna.
B.S., Carnegie Inst. of Technology, 1934. *Physics, Mathematics*
M.S., *ibid.*, 1935, fws.

Kahn, Joseph William.....New York, N. Y.
B.S., Columbia Univ., 1937, fws. *Zoölogy*

Kani, Ali.....Teheran, Persia
A.B., University of Teheran., 1933. *Education*
M.A., Teachers Coll., Columbia Univ., 1937, s.

Kapp, Mary Eugenia.....Mt. Airy
A.B., N. C. Coll. for Women, 1930, *Chemistry, Mathematics*
M.A., Duke Univ., 1931, fws.

Kelling, Lucile.....Chapel Hill
A.B., Whitman Coll., 1917, ws. *Latin*

Kendrick, Jack Earl........Columbus, Ga.
A.B., 1935. *History*
A.M., Emory Univ., 1936, fws.

Kendrick, John Whitefield........Greensboro
A.B., 1937, fws. *Economics*

Kennard, Kathryn Isabel........Moscow, Idaho
B.A., Univ. of Idaho, 1935, fws. *Music, Comparative Literature*

Kerley, David Moorman........Morganton
Candidate for A.B., 1938, s. *Mathematics, Economics*

Kilgo, Mae Elizabeth........Darlington, S. C.
A.B., Converse Coll., 1936, f. *Social Work*

Kivette, Florence Olga........Gibsonville
A.B., Elon Coll., 1937, ws. *Education*

Knight, Samuel Bradley........Asheville
B.S., Clemson Coll., 1934. *Chemistry, Bio-chemistry*
S.M., 1937, fws.

Korff, Nicholas Maurice........Chapel Hill
Matur. Certif., Bethel Gymnasium, 1932, fws. *German, French*

Krauss, Harold Frederick........Concord
A.B., Wittenberg Coll., 1922, w. *Education*

Kuhlman, Clarence Eugene........Chapel Hill
B.A., University of Texas, 1932. *Economics*
M.A., *ibid.*, 1933, fws.

Kuralt, Wallace Hamilton........Jacksonville
S.B., 1931, fws. *Social Work*

Kyker, Granvil Charles........Chapel Hill
B.S., Carson-Newman Coll., 1932, fws. *Chemistry, Bio-chemistry*

Lackey, Katharine........Chapel Hill
A.B., Flora Macdonald Coll., 1936, w. *English*

Laird, Wilson Morrow........McKean, Penna.
B.S., Muskingum Coll., 1936, fws. *Geology*

Lane, Eleanor Sanders........Jonesboro, Ark.
A.B., Arkansas State Coll., 1936, fs. *English*

Langston, Albert Douglas Beach........Chapel Hill
A.B., The Citadel, 1933. *English*
M.A., Claremont Coll., 1934, fws.

Langston, James Horace........Nacogdoches, Tex.
A.B., Stephen F. Austin State Teachers Coll., 1937, fws. *Chemistry*

Larson, Fenton Leroy........Greensboro
A.B., Asbury Coll., 1933, ws. *Education*

Latham, Louis........Rainbow Springs
A.B., W. Va. Wesleyan, 1923, fws. *Dramatic Art, English*

Latimer, Philip Haxall, Jr.........Brunswick, Ga.
B.S., Clemson Coll., 1934, fws. *Chemistry, Bio-chemistry*

Leggette, Lubin Poe........Tabor City
A.B., 1932, fws. *Dramatic Art, Comparative Literature*

Leggette, Marion Poplin........Chapel Hill
A.B., East Carolina Teachers Coll., 1927. *Sociology, Education*
M.S., N. C. State Coll., 1929, fws.

Leitner, Jane Gage........Chester, S. C.
B.S., Coker Coll., 1935, fws. *Botany, Zoölogy*

Lentz, J. Paul........Stony Point
A.B. in Educ., 1932, fw. *Education*

Levitt, William Haskell........Chapel Hill
A.B., 1930, ws. *Sociology, Geography*

Lewis, Kate Porter........Chapel Hill
A.B., Birmingham-Southern Coll., 1935, s.
Dramatic Art

Lewis, Robert Guilford........Memphis, Tenn.
A.B., 1936, fws.
French, Spanish

Livingston, Paul Hanna........Laurel Hill
S.B., 1937, fw.
Economics

Lloyd, William Reese........Pueblo, Colo.
A.B., Colorado Univ., 1934.
B.S., in Pharm., *ibid.*, 1936, fws.
Pharmacy, Chemistry

Lumpkin, Ben Gray........Tupelo, Miss.
A.B., Univ. of Mississippi, 1925.
M.A., *ibid.*, 1935, fws.
English

Luttrell, Everett Stanley........Richmond, Va.
B.A., Univ. of Richmond, 1937, ws.
Special

McCain, John Walker, Jr........Waxhaw
A.B., Newberry Coll., 1923.
A.M., 1926.
M. Ed., Duke Univ., 1932, s.
English

McClinton, Raymond........Quitman, Miss.
B.S., Millsaps Coll., 1936, fs.
Sociology, Economics

McCoy, Margaret Elizabeth........Charlotte
A.B., Duke Univ., 1934, f.
Social Work

McCullen, Joseph Thomas, Jr........Clinton
A.B., 1937, fws.
English

McGee, Bertie Melvel........Dahlonega, Ga.
A.B., North Ga. Agricultural Coll., 1926.
S.M., 1928, fws.
Economics, Commerce

McGehee, William........Raleigh
A.B., Univ. of the South, 1929.
M.A., George Peabody Coll. for Teachers, 1936, ws.
Psychology

McKee, Emma Jane........Birmingham, Ala.
A.B., Birmingham-Southern Coll., 1937, fw.
English

McKee, Paul Wakefield........Chapel Hill
A.B., 1936, fws.
Zoölogy, Botany

McKnight, William Albert........Shelby
B.S., Davidson Coll., 1932.
A.M., 1937, fws.
Spanish, French

McLeod, Alexander Hamilton, Jr........Lumberton
A.B., 1936, fw.
History, Political Science

McMichael, Dalton Larkin........Wentworth
Candidate for S. B., 1938, s.
Commerce, Economics

MacMillan, Mary Johnson........Thomasville
A.B., Meredith Coll., 1937, s.
Social Work

McNeill, Rosalie Fitzhugh........Lumberton
A.B., Mount Holyoke Coll., 1937, fws.
History

McNeir, Waldo Forest........Houston, Tex.
B.A., Rice Institute, 1930.
A.M., 1932, fws.
English

MacPhee, Halsey Myron........Canton, N. Y.
B.S., St. Lawrence Univ., 1930.
M.A., *ibid.*, 1932, fws.
Psychology, Education

Macphee, John Arthur........Brooklyn, N. Y.
A.B., 1937, fws.
Sociology, Social Work

McRacken, Ada........Fayetteville
A.B., Flora Macdonald, 1932, s.
Social Work

McRae, Lillian........Charlotte
A.B., 1930, w.
Dramatic Art

Manly, Corine.......Goldsboro
A.B., Meredith Coll., 1937, f. *Social Work*

Marley, Samuel Branson, Jr.......Greensboro
A.B., 1937, fw. *History*

Martin, Donald Fraser, Jr.......Flemington, Ga.
A.B., Davidson Coll., 1929. *Economics*
A.M., 1931, fws.

Martin, Drusilla Louise.......Winston-Salem
A.B., Woman's Coll., U.N.C., 1936, s. *French, Spanish*

Martin, Hermon Wilkes.......Decatur, Ga.
A.B., Emory Univ., 1918. *Psychology*
A.M., 1924, fs.

Martin, Warden Murdock.......Lakeland, Fla.
B.A., Tulane Univ. of Louisiana, 1936, fw. *Sociology, Political Science*

Maslin, Cornelia.......Winston-Salem
B.A., Converse Coll., 1937, s. *Social Work*

Mason, Mittie Frank.......Rockingham
A.B., Woman's Coll., U.N.C., 1937, f. *Social Work*

Mason, Walter LaFayette, Jr.......Mebane
A.B., 1932, s. *Education*

Mauldin, William Lawrence.......Greenville, S. C.
B.S., Furman Univ., 1936, fws. *Chemistry, Bio-chemistry*

Mayo, Selz Cabot.......Mesic
A.B., Atlantic Christian Coll., 1935, ws. *Sociology*

Meares, Mae Mason.......Raleigh
A.B., Georgia State College for Women, 1927, fws. *Social Work*

Meibohm, Edgar Paul Hubert.......Greensboro
B.S., Guilford Coll., 1936, fws. *Chemistry*

Mell, Mildred Rutherford.......Rome, Ga.
A.B., Univ. of Wisconsin, 1920. *Sociology, Economics*
M.A., Univ. of Georgia, 1925, fws.

Menius, Arthur Clayton, Jr.......Salisbury
A.B., Catawba Coll., 1937, fws. *Physics, Mathematics*

Metcalf, Katherine Elizabeth.......Raleigh
A.B., Mount Holyoke Coll., 1937, fws. *Social Work*

Miller, Edwin Shepard.......Bethany, W. Va.
A.B., Bethany Coll., 1925. *English*
A.M., Ohio State Univ., 1930, fws.

Milne, David Tuttle.......Salisbury
A.B., 1928, fws. *Chemistry, Bio-chemistry*

Milner, Charles Fremont.......Greensboro
A.B., Guilford Coll., 1933, fs. *Education, Sociology*

Mitchell, Rex.......Goldston
A.B., Lincoln Memorial Univ., 1934, fw. *Education*

Mitchell, William Sunday.......Aulander
Candidate for S.B., 1938, s. *Commerce, Economics*

Moran, Katherine Frances.......Milledgeville, Ga.
A.B., Coll. of William and Mary, 1938, s. *Dramatic Art*

Morris, Alton Chester.......Gainesville, Fla.
A.B., Univ. of Florida, 1927. *English*
A.M., *ibid.*, 1928, fws.

Morrison, Jean Sutton.......Chapel Hill
A.B., 1937, ws. *French, Comparative Literature*

Morton, James Thomas.......Bullock
B.S., Davidson Coll., 1937, s. *Economics*

Moses, Walter Lauren……Durham
A.B., 1929.
A.M., 1933, f.
English

Mosier, David Willis……Englewood, N. J.
A.B., 1937, f.
Sociology

Moss, Beverly Turpin……Washington
A.B., Univ. of Missouri, 1929.
A.M., 1930, fws.
German, Latin

Mouzon, Olin Terrell……Chapel Hill
B.S., Southern Methodist Univ., 1933, fws.
Economics

Moyer, Edward Francis……West Hartford, Conn.
A.B., 1936.
A.M., 1937, fws.
French, Spanish

Munch, John Frederick……Chapel Hill
A.B., 1936, fws.
Mathematics

Nahikian, Howard Movess……Raleigh
A.B., 1933.
A.M., 1934, fws.
Mathematics

Newlin, Wendell……Graham
A.B., Guilford Coll., 1933, fw.
Education, History

Newman, Nathaniel Gross, Jr.……Chapel Hill
A.B., Elon Coll., 1922, w.
Sociology, Political Science

Nicholes, Postell Mood, Jr.……Charleston, S. C.
B.S., The Citadel, 1934.
S.M., 1935, fws.
Chemistry, Bio-chemistry

Nicholson, James Frank……Blairsville, Ga.
B.S., Carson-Newman Coll., 1933, fws.
Chemistry, Bio-chemistry

Nicholson, Mariana……Statesville
A.B., Duke University, 1937, fw.
Social Work

Niggli, Josephina Morgan……Monterey, N. L., Mexico
B.A., Coll. of the Incarnate Word, 1931.
A.M., 1937, w.
Dramatic Art

Noblin, Stuart……Farmville, Va.
A.B., Davidson Coll., 1933.
A.M., 1935, fws.
History, Political Science

Ohlmann, Gilbert Sylvester……Louisville, Ky.
A.B., Univ. of Louisville, 1934.
M.A., St. Louis Univ., 1936, fws.
English

Orr, Mark Taylor……Brevard
A.B., 1937, fw.
Political Science

Owen, Walter Wycliffe……Chapel Hill
B.S., Univ. of Arkansas, 1929, fws.
Chemistry

Owens, Otto Pharon……Raleigh
B.S., N. C. State Coll., 1933, f.
Botany

Parker, Hermon Manley……Vass
A.B., 1936.
A.M., 1937, fws.
Physics, Mathematics

Pass, Cordelia Evelyn……Mocksville
A.B., Greensboro Coll., 1936, fws.
Dramatic Art, English

Patrick, Rembert Wallace……Chapel Hill
A.B., Guilford Coll., 1930.
A.M., 1934, fws.
History

Patten, Lawrence……Mount Olive
A.B., 1934, ws.
English

Payne, William David……Henderson
A.B., Bridgewater Coll., 1927, ws.
Education

Pettigrew, Marie Morgan……Arkadelphia, Ark.
A.B., Catawba Coll., 1933, s.
English

Pfeiffer, Karl Graham.......Washington, D. C.
B.A., Univ. of Maryland, 1926. *English*
M.A., Columbia Univ., 1928, fws.

Pharis, Gwendolyn Margaret.......Magrath, Alberta, Canada
B.A., University of Alberta, Canada, 1934, fws. *Dramatic Art*

Pittman, Charles Leonard.......Greenville, S. C.
B.A., Furman Univ., 1937. *English*
A.M., 1932, fws.

Poole, Edwin Rudolph.......Burlington
B.S., N. C. State Coll., 1932, ws. *Education*

Pound, Merritt Bloodworth.......Athens, Ga.
A.B., Univ. of Georgia, 1920. *History, Political Science*
A.M., *ibid.*, 1924, s.

Pridgen, Gertrude M.......Chapel Hill
A.B., 1936, ws. *Social Work*

Pyburn, Nita Katherine.......Ruston, La.
B.A., Louisiana State Univ., 1922. *Education, History*
M.A., George Peabody Coll. for Teachers, 1925, fws.

Rairigh, William Nelson.......Ridgeley, Md.
B.A., St. John's Coll., 1936, fws. *Political Science, History*

Randolph, Mary Claire.......Little Rock, Ark.
A.B., Central Missouri State Teachers Coll., 1928. *English*
M.A., Univ. of Missouri, 1929, fws.

Ransom, Rebecca Nelle.......Huntersville
A.B., 1929, f. *Social Work*

Raper, Ralph Harrison.......Raleigh
B.S., N. C. State Coll., 1925. *Economics*
M.S., *ibid.*, 1929, ws.

Redfern, Virginia Stuart.......Monroe
A.B., Duke Univ., 1937, fws. *German, Spanish*

Rethlingshafer, Dorothy.......Chapel Hill
B.S., Miami Univ., 1920. *Psychology, Social Work*
M.A., Univ. of Chicago, 1924, ws.

Reynolds, Lucy Virginia.......Raleigh
A.B., Meredith Coll., 1937, fws. *English*

Reynolds, William Nathan.......Jamestown
B.S., Guilford Coll., 1934, ws. *Education, Psychology*

Rhue, Jesse Robert.......Reidsville
A.B., 1923, fws. *Education*

Ritchie, Donald Dirk.......Greenville, S. C.
B.A., B.S., Furman Univ., 1934. *Botany, Zoölogy*
A.M., 1937, fws.

Robbins, George Branson.......Graham
A.B., 1921. *Education, Economics*
A.M., 1923, fw.

Robertson, Durant Waite, Jr.......Rutherford, N. J.
A.B., 1935. *English, Comparative Linguistics*
A.M., 1937, fws.

Robins, Margaret Erwin.......Asheboro
A.B., Agnes Scott Coll., 1935, fws. *Psychology, Sociology*

Ross, Laurence William.......Chapel Hill
A.B., 1933, fws. *Education*

Roth, H. Dale.......Athens, Ga.
B.S., Univ. of Florida, 1934, s. *Pharmacy, Chemistry*

Rulfs, Donald Jacob.......Wilmington
A.B., 1932. *English*
M.A., Harvard Univ., 1933, fws.

Russ, Christopher Cleveland.......Southport
B.A., Wake Forest Coll., 1917, f. *Social Work*

Sams, Henry Whittington........Spruce Pine
A.B., Oberlin Coll., 1933. *English*
M.A., *ibid.*, 1934, fws.

Sandifur, Dale Edmund........Berkeley, Cal.
A.B., Univ. of California, 1935. *Music, Comparative Literature*
M.A., *ibid.*, 1937, fws.

Sanford, Carl Nichols........Chapel Hill
B.S., Oregon State Coll., 1928, fws. *Mechanical Engineering, Mathematics*

Sanford, Gertrude Skow........Chapel Hill
B.S., Oregon State Coll., 1928, fws. *Sociology*

Scales, Mary Leigh........Chapel Hill
A.B., 1936, s. *Dramatic Art, Comparative Literature*

Schiller, Irving Paul........Dorchester, Mass.
A.B., Harvard Univ., 1937, fws. *History, Political Science*

Schroder, Allen Moseley........High Point
A.B., Winthrop Coll., 1921, fw. *Education*

Schultze, Henry Christian........Charleston, S. C.
B.S., Coll. of Charleston, 1937, fws. *Chemistry*

Scott, Thomas Elisha........Atlanta, Ga.
A.B., Emory Univ., 1937, ws. *French, Spanish*

Seeback, Charles Louis, Jr.........Chapel Hill
A.B., Coll. of Charleston, 1928. *Mathematics*
A.M., Harvard Univ., 1931, fws.

Setzer, Elsie Graham........Charlotte
A.B., Queens-Chicora Coll., 1937, fws. *Botany, Zoölogy*

Seville, Janet Elizabeth........Wilmington, Del.
A.B., Muskingum Coll., 1927, s. *Sociology, Social Work*

Sewell, Sallie Wimberly........Atlanta, Ga.
A.B., Barnard Coll., Columbia Univ., 1936, s. *English*

Shanor, Leland........Butler, Penna.
A.B., Maryville Coll., 1935. *Botany, Zoölogy*
A.M., 1937, fws.

Shaw, Kendall Jones........Raleigh
B.S., N. C. State Coll., 1933. *Botany*
M.S., *ibid.*, 1937, w.

Shepard, Frederick Carlyle........Guilford College
A.B., 1921. *Education, Psychology*
A.M., 1925, s.

Shoup, Louise........Los Altos, Cal.
A.B., Stanford Univ., 1929. *English*
M.A., Columbia Univ., 1935, f.

Shumacker, Leopold II........Lookout Mountain, Tenn.
A.B., Harvard Univ., 1937, fws. *English*

Sink, Woodford Grady........Lexington
A.B., Catawba Coll., 1934, fws. *Chemistry, Physics*

Smiley, Wendell Wayne........Chapel Hill
A.B., 1928, fws. *History, Education*

Smith, Glenn Roosevelt........Raleigh
B.S., N. C. State Coll., 1929. *Economics*
M.S., *ibid.*, 1930, ws.

Smith, John Leroy........Chapel Hill
A.B., 1917. *French, Spanish*
A.M., 1924, f.

Smith, Robert Edward........Buie's Creek
A.B., Allegheny Coll., 1936, fws. *Mathematics*

Smith, Thomas Earle........Oxford
B.S., Clemson Coll., 1931. *Botany*
M.S., Virginia Polytechnic Inst., 1932, s.

Southern, John Albert .... Greenville, S. C.
B.S., Furman Univ., 1927.
M.S., Vanderbilt Univ., 1930, fws.
Chemistry

Soyez, Willi Hans .... Mannheim-Feudenheim, Germany
A.B., University of Heidelberg, 1935, fws.
English

Spelt, David Kirby .... Philadelphia, Penna.
A.B., Haverford Coll., 1930, s.
Psychology

Spivey, Anna Brooks .... Atlanta, Ga.
A.B., Agnes Scott Coll., 1937, fws.
Economics, Sociology

Spradlin, Carrie Newsome .... Vinton, Va.
B.S., Farmville State Teachers Coll., 1922.
M.A., Columbia Univ., 1932, w.
Sociology

Starling, Robert Belvin .... Hassell
A.B., Atlantic Christian Coll., 1927, s.
History

Stevens, Frances Leda .... Demorest, Ga.
Ph.B., Piedmont Coll., 1930, w.
Sociology

Straley, Harrison Wilson III .... Chapel Hill
A.B., Concord State Teachers Coll., 1923, fs.
Geology

Surprenant, Leonard Clement .... Springfield, Mass.
S.B., 1933.
M.S., Carnegie Inst. of Technology, 1934, s.
Chemistry

Svendsen, James Kester .... Charleston, S. C.
A.B., Coll. of Charleston, 1934.
A.M., 1935, fws.
English

Swain, Herbert Lee .... Efland
A.B., 1927, fw.
Education

Terrell, William Brown .... Elon College
A.B., Elon Coll., 1925, fw.
Education, English

Tharrington, Bruce Hight .... Apex
A.B., 1932, fw.
Education, History

Thomason, Oliver Bruce .... Cooleemee
A.B., Catawba Coll., 1934.
A.M., 1936, fws.
Sociology, Social Work

Thompson, Lawrence Sidney .... Chapel Hill
A.B., 1935.
A.M., Univ. of Chicago, August, 1935, fws.
German, Latin

Treanor, H. Sapelo .... Athens, Ga.
A.B., Univ. of Georgia, 1927.
A.M., *ibid.*, 1929, fws.
French, Spanish

Tripp, Gilbert Allen .... Blounts Creek
A.B., in Educ., 1932, s.
Education, History

Tucker, Gordon Herschel .... Chapel Hill
B.S., Univ. of South Carolina, 1931.
M.S., *ibid.*, 1934, fws.
Zoölogy, Botany

Turner, Elbert Daymond, Jr. .... Gainesville, Fla.
A.B., Davidson Coll., 1937, fws.
Spanish, French

Umstead, Callie Ella .... Rougemont
A.B., Duke Univ., 1937, fw.
Social Work

Unger, Robert McIlhenny .... Westminster, Md.
A.B., Western Maryland Coll., 1937, s.
Education, Political Science

Valentine, Ruth Josephine .... Chapel Hill
A.B., Vassar Coll., 1923.
M.A., Columbia Univ., 1925, fws.
Sociology, Economics

Vaughan, Cary Loud .... Spartanburg, S. C.
B.S., Purdue Univ., 1937, ws.
Dramatic Art, English

Veach, Vivian Ellen .... Rockford, Ill.
B.A., Rockford Coll., 1937, fws.
Dramatic Art, Comparative Literature

Veasey, Wesley Floyd .... Goldston
A.B., 1925, fw.
Education

Walker, John Anthony........Raleigh
A.B., 1936, s. *Dramatic Art, Comparative Literature*

Wallace, Leonard DeLong........Chapel Hill
B.A., Univ. of Kentucky, 1909, f. *English*

Wallace, Robert Marsden........Spartanburg, S. C.
A.B., Wofford Coll., 1928. *English*
A.M., 1930, fws.

Waller, Edmund Meredith........Raleigh
A.B., Vanderbilt Univ., 1927. *Education, Physical Education*
M.A., George Peabody Coll. for Teachers, 1933, s.

Wang, Elizabeth Tei-Chen........Hsuchew, China
B.A., National Central Univ., China, 1937, ws. *English*

Ward, Judson Clements, Jr........Marietta, Ga.
A.B., Emory Univ., 1933. *History, Political Science*
M.A., *ibid.*, 1934, fws.

Ward, Mary Williams........Burgaw
A.B., Woman's Coll., U.N.C., 1937, fws. *Botany, Zoölogy*

Watson, Bailey Gordon........Carrollton, Ga.
A.B., Emory Univ., 1923. *English*
A.M., *ibid.*, 1926, fws.

Way, Katherine........Southern Pines
B.S., Columbia Univ., 1932, s. *Physics*

Weaver, Fred Henry........Aberdeen
A.B., 1937, f. *Economics*

Webb, Bailey Daniel........Oxford
A.B., Greensboro Coll., 1933, fws. *Chemistry, Bio-chemistry*

Weir, Martha Gibson........Asheville
A.B., Woman's Coll., U.N.C., 1934, w. *Sociology*

Welborn, Eleanor Palmer........Greensboro
A.B., Woman's Coll., U.N.C., 1935, s. *Social Work*

Wells, Edgar Franklin........Greensboro
A.B., 1937, fws. *Philosophy, Psychology*

Wharton, George Willard, Jr........Upper Montclair, N. J.
B.S., Duke Univ., 1935, w. *Zoölogy*

Wharton, Vernon Lane........Slidell, La.
A.B., Millsaps Coll., 1928. *History*
A.M., 1931, fws.

Whichard, Rogers Dey........Chapel Hill
A.B., 1924, fws. *French, Spanish*

Whichard, Willis Guilford........Durham
A.B. in Educ., 1930, s. *History*

Whiffen, Alma Joslyn........Hammonton, N. J.
B.A., Maryville Coll., 1937, fws. *Botany, Zoölogy*

White, Clemon L........Loftin, Tex.
A.B., Baylor Univ., 1936, fws. *Dramatic Art, English*

White, James Wilson........Graham
B.S., Davidson Coll., 1934. *Physics, Mathematics*
A.M., 1937, fws.

White, William Alexander........Paterson, N. J.
A.B., Duke Univ., 1930. *Geology*
A.M., 1931.
M.S., Montana School of Mines, 1934, fws.

Whitney, Vincent Heath........Chapel Hill
A.B., 1936. *Sociology*
A.M., 1937, ws.

Williams, Grace........Cleveland
A.B., Woman's Coll., U.N.C., 1934, fws. *Social Work*

Williams, Helen Virginia........Hendersonville
A.B., Woman's Coll., U.N.C., 1931, s. *History*

Williams, John Higgins........Lexington, Va.
A.B., Washington and Lee Univ., 1924.
A.M., *ibid* , 1928, fws.
Political Science, History

Williford, Lonnie Rosseau........Mebane
A.B., Wake Forest Coll., 1920, fw.
Education, History

Wilson, John Byron........Columbia, S. C.
A.B., Ouachita Coll., 1930.
M.A., Univ. of South Carolina, 1936, fws.
English

Winstead, Ida Satterfield........Roxboro
A.B., 1937, s.
Social Work

Wittmeyer, Herman Frederick........Chicago, Ill.
A.B., Occidental Coll., 1936, fws.
English

Woodall, Minna Sue........Roanoke Rapids
B.S., Univ. of Virginia, 1922, s.
Dramatic Art

Woodard, Clement Manly........Salem, Va.
A.B., 1918.
A.M., 1927, s.
French, Spanish

Woodard, William Thaddeus, Jr........Selma
A.B., 1934, w.
Sociology

Woods, Arthur Roy, Jr........Chapel Hill
A.B., Univ. of Pennsylvania, 1931, s.
English

Wooten, Virginia Frances........Rome, Ga.
A.B., Shorter Coll., 1936, fw.
Social Work

Wright, Howard Edwards........Petersburg, Va.
B.S., Hampden-Sydney Coll., 1935.
M.A., Univ. of Richmond, 1937, fws.
Chemistry, Bio-chemistry

Wright, Thomas Ewell........Chapel Hill
A.B., 1922.
A.M., 1926, f.
French

Yeatman, Trezevant Player........Columbia, Tenn.
A.B., 1937, fws.
Sociology, Economics

Yoder, Edwin Moses........Mebane
A.B., Lenoir-Rhyne Coll., 1922, fw.
Education

Young, Louise........Nashville, Tenn.
A.B., Vanderbilt Univ., 1912.
M.A., Univ. of Wisconsin, 1915, fws.
Sociology, Rural Social-Economics

Young, Malcolm McInnis........Durham
A.B., 1926, fws.
Political Science

Yount, Marvin Edward........Graham
A.B., Concordia Coll., 1911, f.
Special

UNDERGRADUATE AND PROFESSIONAL STUDENTS

Abbreviations are used to indicate the curriculum followed by each student as follows: G. C., General College; A-Sci., Arts and Sciences; C., Commerce; E. E. Electrical Engineering; Ci. E., Civil Engineering; Ch. E., Chemical Engineering; M. E., Mechanical Engineering; Med., Medicine; Ph., Pharmacy; Law, Law; P. H., Public Health; L. S., Library Science; G., Graduate.

The figure following the curriculum approximates the academic rank of the student.

The small letters following the numeral indicate the quarters in which the student was in residence during the session, f meaning fall quarter, w meaning winter quarter, and s meaning spring quarter. Shifts from one curriculum to another with the period of residence in each are also shown.

Unless otherwise specified a degree shown was awarded by the University of North Carolina at Chapel Hill.

Aberly, William Franklin, C. 4, fws	New Bern
Abernethy, Leroy Franklin, C. 3, fws	Asheville
Abernethy, Olivia, Med. 2, s A.B., 1935	Elkin
Abramson, Herbert Buck, A-Sci. 3, fws	Brooklyn, N. Y.
Ackerman, Donald Godfrey, G. C. 2, fws	Elizabeth, N. J.
Adam, Robert Leonard, G. C. 2, f; C. 3, w; A-Sci. 3, s	Ridley Park, Penna.
Adams, Agatha, L. S. fws A.B., 1915, Randolph-Macon; A.M., 1924	Chapel Hill
Adams, James David, G. C. 2, f	Willow Springs
Adams, Fletcher Ruff, P. H. s	Davidson
Adams, Robert Charlton, Jr., A-Sci. spec., fw S.B., 1936, Randolph-Macon	Lumberton
Adams, Thomas McCall, G. C. 2, fws	Bennettsville, S. C.
Adams, William Dennis, G. C. 1, fws	Wilson
Aderholdt, Marcus Lafayette, Jr., Med. 1, fs A.B., 1937	Lexington
Aderholdt, Oscar Wrey, Med. 1, f S.B., 1937, Lenoir Rhyne Coll.	Salisbury
Adkins, Elizabeth Frances, L. S. fws S.B., 1932, Univ. of Va.	Petersburg, Va.
Adkins, Henry Thomas, P. H. f M.D., 1936, Univ. of Ga.	Cordele, Ga.
Adler, Milton Sidney, G. C. 1, fws	Jackson
Adler, Mortimer, G. C. 1, fws	Far Rockaway, N. Y.
Aid, George Charles, Jr., G. C. 2, fws	Tryon
Aiken, Ben Warren, G. C. 1, fws	Creedmoor
Aiken, Richard Eustace, C. 3, fws	Fuquay Springs
Akers, Noel Monroe, P. H. s M.D., 1934, Univ. of Arkansas	Macon, Ga.
Akers, Samuel Henry, G. C. 2, fws	Roanoke Rapids
Albritton, Molly, A-Sci. 3, fws	Hopkinsville, Ky.
Albro, William Cecil, G. C. 1, fws	Charlotte
Alcabes, Seymour Albert, A-Sci. 4, fws	New York, N. Y.
Alberman, Herbert Edward, A-Sci. 4, ws	New Haven, Conn.
Aleskovsky, Bernie, G. C. 2, fws	Spring Valley, N. Y.
Alexander, Herbert Hoover, C. 3, fws	Elizabeth City
Alexander, James Caldwell, G. C. 1, fws	Concord
Alexander, Robert Galt, G. C. 2, f	Charlotte
Alexander, Sydenham Benoni, G. C. 1, fws	Charlotte

Alexius, Harold David, G. C. 1, ws	Wilmington
Alford, Paul Augustus, G. C. 1, fws	Raleigh
Alfson, Howard Alvin, C. 4, fws	Brooklyn, N. Y.
Allen, David Anderson, C. 4, fws	Charlotte
Allen, Ernest Marvin, A-Sci. 4, fws	Wilmington
Allen, Jerry Harrison, Jr., A-Sci. 4, fws	Reidsville
Allen, John Leach, C. 4, fws	Troy
Allen, John Watson, Ph. 4, fws	Matthews
Allen, Lloyd William, G. C. 1, fws	Wilmington
Allen, Malcolm Burdette, C. 3, fws	Aurora
Allen, Oliver Holt, G. C. 1, fws	Reidsville
Allison, John Franklin, G. C. 2, ws	Concord
Alperin, Ralph Milton, G. C. 2, fws	Petersburg, Va.
Alston, William Watson, A-Sci. 3, fws	Bronxville, N. Y.
Amoscato, Anthony Samuel, A-Sci. 4, fs	Newark, N. J.
Amoss, Harold Lindsay, G. C. 1, fws	Greenwich, Conn.
Anderson, Carl Walter, A-Sci. 4, fws	New Haven, Conn.
Anderson, Claywell Mitchell, G. C. 1, fws	Statesville
Anderson, John Inge, G. C. 2, f; A-Sci. 3, ws	Reidsville
Anderson, William George, G. C. 2, fws	Charlotte
Andrews, Edward Allen, G. C. 1, fws	Goldsboro
Andrews, Ralph Preston, G. C. 2, w	Chapel Hill
Andrews, Robert Clyde, Jr., G. C. 2, f	Chapel Hill
Andrus, Helen Stockton, A-Sci. 4, fws	Germantown, Penna.
Appel, Jesse, Med. 1, fs S.B., 1937, The Coll. of the City of New York	Brooklyn, N. Y.
Apple, John Agusta, C. 3, fws	Reidsville
Apple, Roy Dwight, C. 3, fws	Greensboro
Apple, Troy Arthur, C. 3, f; C. 4, ws	Winston-Salem
Applewhite, James Oscar, Jr., G. C. 2, fws	Greensboro
Archer, Frances Gray, A-Sci. 3, fws	Phoenix, Ariz.
Arey, William Griffin, Jr., A-Sci. 3, fws	Shelby
Armentrout, Hal Byerly II, G. C. 2, fws	Goldsboro
Armfield, Claude Clarke, Jr., C. 3, fws	Winston-Salem
Armstrong, Edward Sheehan, P. H. s M.D., 1932, Univ. of Georgia	Augusta, Ga.
Arnett, Perdita Butler, A-Sci. 4, fws	Danville, Va.
Arnold, Berta Elise, A-Sci. 4, fws	Raleigh
Asch, Roy Douglas, G. C. 1, fws	Long Beach, N. Y.
Ashurst, Rufe Chamberlain, G. C. 1, fws	Somerset, Ky.
Ashworth, Charles David, P. H. s	Brevard
Attmore, George Sitgreaves IV, G. C. 2, fws	Washington
Atwood, Carroll Jack, A-Sci. 4, fws	Madison, Wis.
Auerbacher, Paul Charles, G. C. 1, fws	South Orange, N. J.
Augenblick, Harold Mitchell, G. C. 2, fw	New York, N. Y.
Auman, A. R., Jr., C. 3, fws	Seagrove
Austin, Adele, A-Sci. 3, fws	Yonkers, N. Y.
Austin, James Harold, G. C. 2, fws	Charlotte
Austin, James Wilson, A-Sci. 4, f	Waxhaw

Austin, Ransom Hinton, G. C. 1, fws	Raleigh
Avery, Isaac Thomas, Jr., Law 1, fs	Morganton
Axelrod, Joseph Psi, A-Sci. 3, fws	New Haven, Conn.
Bachrach, Herbert, G. C. 2, fws	Mount Vernon, N. Y.
Baddour, Richard Albert, A-Sci. 3, fws	Brooklyn, N. Y.
Baden, James Henry, Jr., A-Sci. 4, fws	Washington, D. C.
Badgett, William Roscoe, Jr., A-Sci. spec., fw	Pilot Mountain
Bady, David J., G. C. 2, fws	Brooklyn, N. Y.
Bagley, Hugh Miller, P. H. s	Atlanta, Ga.
Bahnson, Edward Reid, A-Sci. 4, fws	Winston-Salem
Baicy, Edward Owen, A-Sci. 3, fws	Weldon
Bailey, Abbott Kenyon, A-Sci. 4, fws	Elizabeth City
Bailey, Adelaide, A-Sci. 3, fws	Bluefield, West Va.
Bailey, Frank Gardener, G. C. 2, fws	High Point
Bailey, Isaac Mayo, Jr., G. C. 2, fws	Raleigh
Bailey, Jack Kenley, G. C. 1, fws	Rainbow Springs
Bailey, James H. Pou, A-Sci. 3, fws	Raleigh
Bailey, James Ruffin, G. C. 2, fws	Raleigh
Bailey, Millard Thomas, G. C. 2, fws	Goldsboro
Bailey, Richard Brown, A-Sci. 3, fws	High Point
Baird, Harry Haynes, A-Sci. 4, fws	Mars Hill
Baker, Donald Charles, G. C. 1, fws	Westbury, N. Y.
Baker, Isabelle Roddey, A-Sci. 4, fws	Charlotte
Baker, James Alpheus, Jr., G. C. 1, f	Charlotte
Baker, Robert Weathersbee, Jr., C. 4, fws	Greensboro
Balding, James Palmer, Jr., C. 3, fws	Milwaukee, Wis.
Ball, Charles Lee, Jr., G. C. 1, fws	Roxboro
Ball, William Heath, P. H., s M.D., 1931, Medical Coll. of Virginia	Jacksonville, Fla.
Ballard, Alvin Hugh, G. C. 1, fws	Bladenboro
Ballard, Harry Cline, G. C. 1, fws	Nashville
Ballentine, Anna Margaret, A-Sci. 3, fws	Manassas, Va.
Banner, Fritz Joseph Eugene, G. C. 2, fws	Highland Park, N. J.
Barba, Louis Rosario, A-Sci. 4, fws	Arlington, N. J.
Barbano, Allen Robert, G. C. 2, fw	Oneida, N. Y.
Barbee, Sam, G. C. 1, f	Winston-Salem
Barber, Ernestine Ray, Ph. 4, fws	Goldston
Barber, John Frank, Med. 2, fws S.B., 1937	Asheville
Barber, Robert Kennard, G. C. 2, fws	Asheville
Barbour, Joseph Henry, G. C. 1, fws	Atlanta, Ga.
Barbour, Offie Almon, A-Sci. 4, fws	Benson
Barbour, Richard Morton, A-Sci. 4, fws	Atlanta, Ga.
Barclay, George Thomas, A-Sci. 4, fws	Natrona, Penna.
Barker, Charles Thomas, G. C. 1, fws	New Bern
Barker, Evelyn Cochrane, A-Sci. 4, fws	Burlington
Barlow, Charles Jordan, G. C. 1, fws	Trenton, N. J.
Barnes, John Bailey, Jr., G. C. 2, fw	Ahoskie
Barnes, John Irvin, Jr., P. H., s	Clayton

Barnes, Melver Raymond, G. C. 1, fws	Lexington
Barnes, Richard Joseph, G. C. 1, fw	Wilson
Barnett, Henry DeWitt, G. C. 2, fws	White Plains, N. Y.
Barnwell, Howard Brownlow, A-Sci. 4, fws	Edneyville
Barnwell, Kermit Paul, A-Sci. 4, fws	Edneyville
Baron, Leonard Bernard, G. C. 2, fws	New York, N. Y.
Baroody, Murray Arthur, G. C. 1, fws	Salisbury
Barrett, Charles Francis, G. C. 1, fws	Raleigh
Barrett, George Warren, A-Sci. 4, fws	Reidsville
Barrett, Richard James, G. C. 2, fws	Atlanta, Ga.
Barrier, Henry Smith, Jr., A-Sci. 4, f	Concord
Barringer, Martin Columbus, Jr.. G. C. 1, fws	Mt. Pleasant
Barron, William Worth, P. H., f S.B., 1934, Clemson Coll.	Elberton, Ga.
Bartlett, Clark, G. C. 1, fws	Jacksonville, Fla.
Bartlett, Doris, A-Sci. 4, fws	Chicago, Ill.
Bartlett, Harry Amos, G. C. 2, fws	Mount Vernon, N. Y.
Bartos, Henry, A-Sci. 4, fws	Vandergrift, Penna.
Bass, Dorothy Elizabeth, A-Sci. 4, fw	Mountain City, Tenn.
Bass, George Nelson, G. C. 1, fw	Laurinburg
Bass, Irving Stanley, G. C. 1, fws	Bridgeport, Conn.
Bass, Larry Lucas, G. C. 1, fws	Rocky Mount
Bass, Thomas Edward, Jr., A-Sci. 4, fws	New Bern
Batchelor, Lee Goldston, G. C. 2, f; A-Sci. 3, ws	Mount Holly
Batten, James William, G. C. 2, fws	Selma
Baxley, Raiford Douglas, Med. 2, fws	Wagram
Bayroff, Frieda, A-Sci. 3, fws	Chapel Hill
Beadles, Nicholas Aston, G. C. 2, fws	Asheville
Beam, Robert Shelton, A-Sci. 4, fw	Asheville
Beasley, Britton Ferebee, G. C. 1, fws	Fountain
Beasley, Hugh Bennett, A-Sci. 4, fws	Four Oaks
Beattie, Dannitte Mays, A-Sci. 3, fws	Greenville , S. C.
Beaty, David Lewis, A-Sci. 4, fws	Anderson, S. C.
Beaven, Charles William, A-Sci. 3, fws	Asheville
Beck, William Carroll, G. C. 1, fws	Hendersonville
Beckwith, Robert Payne, G. C. 1, fws	Roanoke Rapids
Bedea, Jack Pershing, G. C. 1, fws	South Orange, N. J.
Beerman, William Lockett, G. C. 1, fws	Greensboro
Beers, Prentice Roy, G. C. 1, fws	Washington, N. J.
Belgrade, William Velva, G. C. 1, fws	Northampton, Mass.
Bell, John Williamson, G. C. 2, fws	Columbus, Ohio
Bell, Julia Mary, A-Sci. 4, fws	Asheville
Bell, Ralph Monroe, Med. 1, fs S.B., 1937, Davidson Coll.	Mooresville
Bell, Thomas Reynolds, A-Sci. 4, f	Rockingham
Bell, Victoria Ellen, A-Sci. spec., fws	Canton
Bell, William Forrest, G. C. 2, fws	Asheville
Belvin, James Adkins, G. C. 1, fws	Durham
Benbow, Dewitt Clinton, C. 3, fws	Greensboro

Benbow, John Wesley Long, A-Sci. 3, fws	Greensboro
Bengel, Edna, A-Sci. 3, fws	Bergenfield, N. J.
Bennett, Norman Smith, A-Sci. 3, fws	Rocky Mount
Bennett, Thomas Sheffield, Med. 2, fws	Chapel Hill
Benton, Atlas Devon, G. C. 2, fws	Parkersburg
Benton, Morris Carey, Jr., C. 4, fws	Parkersburg
Benton, William Lockhart, G. C. 2, fws	Hamlet
Berbert, Robert, G. C. 2, fws	Greensboro
Berdan, Fred H., Jr., G. C. 2, fws	Glen Ridge, N. J.
Berg, Randall Challen, C. 4, fws	Jacksonville, Fla.
Berger, Martin H., G. C. 1, fws	Hewlett, N. Y.
Berges, Ruth L., A-Sci. 4, fws	Towaco, N. J.
Bergs, Norman Adrian, G. C. 2, f	Brooklyn, N. Y.
Berini, Dante Alighieri, G. C. 2, fws	Durham
Berini, Louis, C. 4, fws	Durham
Berk, Harold Jay, G. C. 1, fws	Red Bank, N. J.
Berkeley, Greene Ramsey, Jr., G. C. 2, f	Norfolk, Va.
Bernard, Franklin Merritt, G. C. 1, f	Kennett Square, Penna.
Bernert, Robert Harvey, G. C. 1, fws	West Hartford, Conn.
Berney, Stanley Philip, A-Sci. 4, fws	Hewlett, N. Y.
Bernstein, Robert Matthew, A-Sci. 3, fws	Stoddard, N. H.
Berry, Elizabeth Dozier B.S., 1937, Converse Coll.	Washington
Berry, Floyd Lacewell, P. H., s	Dalton, Ga.
Bershak, Andrew A., C. 4, fws	Clairton, Penna.
Bertsch, Leonard Carl, G. C. 1, fw	Needham Heights, Mass.
Best, Romulus Thaddeus, G. C. 1, fws	Chapel Hill
Biggs, John Waller Smallwood, Ph. 1, fws	Washington
Biggs, Montgomery Herman, Ch. E. 4, f	Rutherfordton
Billica, Harry Robert, G. C. 1, fws	Muncie, Ind.
Bird, Taylor Osborne, A-Sci. 4, fws	Horse Shoe
Bird, Terry, P. H., s M.D., 1925, Tulane Univ.	Winter Haven, Fla.
Bisher, James Furman, A-Sci. 4, fws	Denton
Bishop, Ann Axton, A-Sci. 3, fws	Winchester, Ky.
Bishop, Donald Edwin, G. C. 1, fws	New Bern
Bissett, Harold Edwin, G. C. 2, f; A-Sci. 3, ws	Bailey
Bitting, Mary Elizabeth, L. S., fws A.B., 1936, The Woman's Coll. of U.N.C.; A.M., 1937	Durham
Bivens, Edward Shirley, P. H., f S.B., 1937, Davidson Coll.	Gastonia
Blackmer, Walter Steele III, G. C. 2, fws	Salisbury
Blackwell, Crist Watts, C. 4, fws	Winston-Salem
Blair, Henry Clay, A-Sci. 3, fws	Chapel Hill
Blalock, Alvin Coleman, C. 4, fws	Warrenton
Blalock, John Henry, A-Sci. 3, fws	Norwood
Blalock, William Rennie, G. C. 2, fws	Charlotte
Blankett, Milton Elias, G. C. 1, fws	Brooklyn, N. Y.
Blickman, Joseph Henry, G. C. 1, fws	New York, N. Y.
Bloom, Allan Ira, G. C. 2, fws	Brooklyn, N. Y.

Blount, Frederick Alexander, G. C. 2, fws	Pensacola, Fla.
Blount, Marion Orlando, A-Sci. 4, fws	Greenville
Blue, Daniel Thomas, Jr., G. C. 1, fws	Laurinburg
Blue, Paul, G. C. 2, f; C. 3, ws	Southern Pines
Blue, Robert Clifton, G. C. 1, fws	Fairmont
Bluestone, Henry Robert, A-Sci. 4, fws	Roxbury, Mass.
Blum, John Albert, A-Sci. 4, fws	Maplewood, N. J.
Blum, Stanley Bertram, G. C. 1, fws	Elizabeth, N. J.
Blumenthal, Philip, G. C. 2, fws	Franklin
Blythe, Franklin Jackson, Jr., A-Sci. 4, fws	Charlotte
Boak, Joseph III, G. C. 2, fws	Summit, N. J.
Bobbitt, Maurice Eugene, G. C. 1, fws	Greensboro
Bobroff, Solomon Arthur, Ph. 4, fws	Far Rockaway, N. Y.
Boddie, William Willis, Jr., A-Sci. 4, fws	Charleston, S. C.
Bodenheimer, Edward Charles, C. 4, fs	Parkton
Boemanns, Hermann, G. C. 1, fws	Wilmington
Bohrer, Morton Harvey, G. C. 1, fws	Newark, N. J.
Boice, Lyal Caughy, A-Sci. 4, fws	Rocky Mount
Bolick, Norman Marshall, G. C. 1, fws	Conover
Bolick, Oscar Whetzell, G. C. 2, fws	Conover
Bonds, Hope Edward, Jr., Ch. E. 4, fws	Concord
Boney, Harvey James, Law 2, fs A.B., 1936	Rose Hill
Bonner, Allan Baker, Med. 2, fws	Kinston
Bonner, John Hare, G. C. 2, fws	Washington
Booker, Nell Battle, A-Sci. 4, fws	Chapel Hill
Boone, Henry, G. C. 1, fws	Jackson
Boone, Howard Alexander, G. C. 2, f; C. 3, w	Greensboro
Boone, James Maxton, C. 3, fws	Chapel Hill
Boone, Joseph Howard, G. C. 1, fws	Fayetteville
Boone, Thomas Nathaniel, Jr., G. C. 1, fws	Burlington
Boone, William Thomas, Ph. 1, f	Jackson
Booth, Orin Watts, G. C. 1, fws	Durham
Bordeaux, James Monroe, C. 3, fws	Durham
Borden, Paul Lambert, Jr., A-Sci. 3, fws	Goldsboro
Borders, William Gayle, G. C. 1, ws	Clinton, Md.
Borum, Olin Henry, A-Sci. 4, fws	Greensboro
Boseman, Andrew Gunter, A-Sci. 3, fws	Enfield
Bossa, Howard Maurice, G. C. 1, fws	Hamden, Conn.
Bostic, John Russell, C. 4, fws	Bryson City
Boucher, Harry Kenneth, Law 1, fs A.B., 1933	Damascus, Va.
Bounds, Clayton Purnell, G. C. 1, f	Weldon
Bounds, Howard Vincent, G. C. 1, fws	Weldon
Bovender, Roy Richard, G. C. 1, s	Winston-Salem
Bower, Virginia Ragsdale, A-Sci. 3, fws	Lexington
Bowles, Hargrove, Jr., G. C. 1, fws	Monroe
Bowles, John, A-Sci. 4, fws	Monroe
Bowles, Sara Elizabeth, A-Sci. 3, ws	Spencer

Bowling, Mabel Elizabeth, A-Sci. spec., s	Rougemont
Bowman, David Harry, G. C. 2, fws	Plainfield, N. J.
Bowman, Joseph Orlando, Jr., G. C. 2, fws	Wadesboro
Bowman, William Murphy, A-Sci. 3, fws	Lumberton
Bowne, Frank Samuel, A-Sci. 4, fws	Hendersonville
Boyd, Darwin Hudson, G. C. 2, fws	Savannah, Ga.
Boyd, Mary Beatrice, A-Sci. 4, fws	Hickory
Boyd, Shelton Bickett, Ph. 3, fws	Sanford
Boyette, Norment Glenn, C. 4, fws	Smithfield
Boykin, James Marion, G. C. 2, fws	Tarboro
Bradley, S. B., A-Sci. 4, fws	Scotland Neck
Bradner, John Lance, G. C. 1, fws	Yanceyville
Brady, Charles Eldon, A-Sci. 3, fws	High Falls
Brafford, Tommy Newton, G. C. 2, fws	Rocky Mount
Bragdon, Ralph Mayne, A-Sci. 3, fws	Melrose, Mass.
Bragg, John Melvin, A-Sci. 4, fws	Littleton
Brame, James Ballard, C. 3, fws	Durham
Branca, Albert Arthur, G. C. 2, fws	Montclair, N. J.
Branch, Waverly Harold, G. C. 2, f; A-Sci. 3, w	Petersburg, Va.
Brandon, Francis Arnold, G. C. 1, fws	Carrboro
Branson, Bertrum Lester, G. C. 1, fws	Asheville
Brantley, Bernice Euphenia, A-Sci. 3, fws	Mooresville
Brantley, Joseph Marion, Jr., G. C. 2, fws	Greensboro
Brantley, Julian Chisolm, Jr., G. C. 2, fws	Spring Hope
Brantley, Julian Thweatt, G. C. 1, fws	Greensboro
Brawley, Boyce Albert, G. C. 1, fws	Mooresville
Brawley, James Shober, G. C. 1, fws	Salisbury
Brawley, Robert Sumter, G. C. 2, fws	Gastonia
Bray, Robert Joseph, G. C. 1, f	Farmingdale, N. J.
Breckenridge, Arnold, Med. 1, fs	Chapel Hill
Brewer, Frances Marion, C. 3, fws	Raleigh
Brewer, Robert Palmer, A-Sci. 3, fws	Henderson
Bricklemyer, Eugene Castle, A-Sci. 4, fws	Philadelphia, Penna.
Bridger, John McRae, G. C. 1, fws	Bladenboro
Bridgers, Herbert Vincent, G. C. 2, ws	Enfield
Bridgers, Robert Strange, G. C. 1, fws	Wilmington
Bridges, William Samuel, A-Sci. 3, fws	Lumberton
Briggs, John Hilery, Jr., G. C. 2, fws	Lexington
Briggs, Oliver David, G. C. 2, fws	Lexington
Brill, James Robert, G. C. 2, fws	Jamestown, N. Y.
Bristol, Leverett Frisbie, C. 3, fws	Montclair, N. J.
Britt, Albert Mitchell, G. C. 2, fws	Warsaw
Britt, Edward Knox, C. 4, f	Mt. Airy
Britt, Gary Isham, G. C. 2, fws	Four Oaks
Britt, John Gay, G. C. 2, fws	Goldsboro
Britt, Martin Luther, Ch. E. 4, fws	Elizabeth City
Britt, Mildred Luise, A-Sci. 3, fws	St. Pauls
Broadfoot, William Gillies, Jr., G. C. 1, fws	Wilmington

Broadfoot, Winston, G. C. 1, fs	Wilmington
Broadhurst, Edward Marquette, Ci. E. 4, fws	Mt. Olive
Broadhurst, Samuel Davis, A-Sci. 3, fws	Mt. Olive
Broadwell, Walter Japert, G. C. 2, fws	Angier
Brock, Burr Coley, G. C. 1, fws	Farmington
Brock, Walter Edgar, G. C. 1, fws	Scotland Neck
Brockman, Earle Wingo, Jr., A-Sci. 3, fws	Gastonia
Brodie, Edmund, A-Sci. 4, fws	Henderson
Brogden, Willis James, Law 1, fs	Durham
Brooks, Clyde Albert, G. C. 2, fws	Smithfield
Brooks, David Anderson, A-Sci. 3, fws	Kannapolis
Brooks, James Taylor, A-Sci. 3, fws	Greensboro
Brooks, Walter Randall, G. C. 2, fws	Pittsboro
Brookshire, Harley Gaskill, Med. 2, fws A.B., 1936	Asheville
Brookshire, Joseph Clinton, G. C. 1, fws	Franklin
Broughton, Eloise, A-Sci. 4, fws	Hertford
Brown, Bixby McCary, G. C. 1, fws	Wilson
Brown, Ernest Allan, G. C. 2, fws	Durham
Brown, Eugene Tulie, Ph. 3, fws	Colerain
Brown, Francis Sterling, A-Sci. 4, fws	Drexel Hill, Penna.
Brown, Harry Aroian, G. C. 1, f	Grafton, Mass.
Brown, Humphrey Butler, G. C. 1, fws	Goldsboro
Brown, James Asbury, G. C. 2, f	Albemarle
Brown, J. W. (Mrs.), A-Sci. spec., s	Rich Square
Brown, Katherine Bolling, A-Sci. 3, fws	Summerville, Ga.
Brown, Oran Kline, G. C. 1, fws	New York, N. Y.
Brown, Pinckney Rufus, Jr., G. C. 1, fws	Atlanta, Ga.
Brown, Robert Emmett, G. C. 1, fws	Charlotte
Brown, Robert Frederick, Jr., G. C. 2, fws	Chapel Hill
Brown, Ruth, L. S., fw A.B., 1926, Univ. of Miss.; A.M., 1931, American Univ.	Washington, D. C.
Brown, Seymour, G. C. 1, fws	Goldsboro
Brown, Sutherland Mathewson, C. 4, fws	Charlotte
Brown, Thomas Edward, Jr., G. C. 1, fws	Wilson
Brown, Thurston Cross, G. C. 2, fws	New Haven, Conn.
Brown, Timothy Dwight, A-Sci. 4, fws	Washington, D. C.
Browning, Benjamin Howard, G. C. 1, fws	Littleton
Bruce, Thomas Hamilton, P. H., s A.B., 1924, Washington and Jefferson; M.D., 1930, Univ. of Penna.	New Cumberland, West Va.
Bruce, Thomas Milton, Ph. 4, fws	Hot Springs
Bruner, William Wallace, G. C. 1, fws	Columbia, S. C.
Brunner, Lionel Ira, A-Sci. 4, fws	Brooklyn, N. Y.
Bryan, James Everette, G. C. 1, fws	Pittsboro
Bryan, John Lindsay, C. 4, fw	Lillington
Bryan, William Youland, G. C. 2, fws	Henderson
Bryant, James Spencer, G. C. 2, fws	Chapel Hill
Bryson, Theodore Eugene, G. C. 1, fws	West Asheville
Buchanan, Calvin Sanders, P. H., s A.B., 1928, Wofford Coll.	Yanceyville

Buchanan, Daniel Houston, Jr., Med. 1, fs A.B., 1937, Colorado Coll.	Chapel Hill
Buck, Alfred, G. C. 2, fws	Uniontown, Penna.
Byrd, Hugh Dewitt, G. C. 1, fws	Mt. Olive
Buckner, William Bates, P. H., s S.B., 1930, Davidson Coll.; M.D., 1935, Tulane Univ.	Shelbyville, Tenn.
Budden, Walter Kenneth, G. C. 2, fws	Brooklyn, N. Y.
Buffey, Ralph Herbert, G. C. 1, fws	Elizabeth, N. J.
Buie, William Graham, G. C. 1, fws	Wagram
Bulla, Thomas Fletcher, Jr., C. 4, fws	Asheboro
Bullard, Edgar William, A-Sci. 4, fws	Gastonia
Bullins, Ellis Spenser, A-Sci. 3, fws	Mayodan
Bullock, Blanche, Ph. 4, fws	Autryville
Bulwinkle, Alfred Lewis, Law 1, fs A.B., 1936, Davidson Coll.	Gastonia
Bunch, Velton Vance, G. C. 1, fws	Belhaven
Bunch, Walter Anderson, Jr., C. 3, fws	Asheboro
Bunn, James Harry, P. H., f S.B., 1934, Wake Forest Coll.; M.D., 1936, Univ. of Maryland	Henderson
Burch, Kate Umstead, A-Sci. spec., fw	Creedmoor
Burke, Raymond Wilson, G. C. 1, fws	Winston-Salem
Burkhead, Franklin, C. 4, fws	Asheboro
Burkhimer, Walton Pete, G. C. 2, fws	Wilmington
Burks, Anna Dean, Ph. 2, fws	Chapel Hill
Burks, Paschal Buford, Law 2, fs A.B., 1937	Chapel Hill
Burnette, Archie Raymond, Jr., G. C. 1, ws	Tarboro
Burnette, Thomas Denmark, A-Sci. 4, fws	Tarboro
Burns, Benjamin Oliver, G. C. 2, fws	Fairmont
Burns, Gordon, A-Sci. 3, fws	Rocky Mount
Burns, William Thomas, G. C. 1, fws	Aberdeen
Burrage, Beverley Page, C. 4, fws	Rocky Mount
Burrus, Blanche Evelyn, Ph. 1, fws	Canton
Bursley, Robert Lynn, G. C. 1, fws	Charlotte
Burton, Bernard Ottway, G. C. 1, fws	Milton
Burton, John Walter, G. C. 1, f	New Bern
Burtt, Brooks Francis, G. C. 1, fws	Andover, Mass.
Burwell, Edmund Strudwick, P. H., f Ph.B., 1906; M.D., 1920, Harvard Univ.	Atlanta, Ga.
Busby, John Carroll, G. C. 1, fws	Salisbury
Busby, Max, A-Sci. 4, fws	Salisbury
Bush, Jean, Ph. 4, fws	Chapel Hill
Bush, June, Ph. 4, fws	Chapel Hill
Butler, Charles Redden, Jr., G. C. 2, fws	Lynchburg, Va.
Butler, William Medearis, G. C. 2, fws	Winston-Salem
Byerly, Manly Holdt, G. C. 1, fws	Lexington
Byers, James Edward, C. 4, fw	Shelby
Byers, William Bostic, C. spec., fws	Tryon
Bynum, Alton Leroy, Jr., Ph. 1, f	Hope Mills
Bynum, Edna Hines, A-Sci. 3, fws	Raleigh
Bynum, Isaac James, C. 3, fws	Pittsboro

Caddell, Langdon Dowd, G. C. 1, fws	Hoffman
Caldwell, Edward Everett, A-Sci. 4, fws	Chapel Hill
Caldwell, Jesse Burgoyne, Jr., Med. 1, fs	Cramerton
Caldwell, Lan Harrill, G. C. 2, fws	Cramerton
Caldwell, Victor Summers, G. C. 2, fws	Laurinburg
Calhoun, Alan Taliaferro, A-Sci. 3, fws	Tryon
Callahan, Peter Edward, A-Sci. 4, fws	Bronx, N. Y.
Callan, Lester Lawrence, G. C. 1, fws	New Brighton, N. Y.
Calloway, Edmund William, G. C. 2, w	Albemarle
Camelio, Albert Howard, G. C. 1, fws	Walpole
Cameron, Joseph Harold, Ph. 4, fws	Fayetteville
Cameron, Melvin Turner, C. spec., fws A.B., 1933	Cameron
Camp, Mary Louise, C. 4, fws	Charleston, West Va.
Campbell, Edward Graham, Ph. 2, fws	Lucama
Campbell, Walter Hill, G. C. 1, fws	Fayetteville
Campbell, William Blount, A-Sci. 3, fws	Wilmington
Canady, Jesse Simeon, P. H., f S.B., 1935, Wake Forest Coll.	Hope Mills
Canavan, John Patrick, G. C. 1, fws	Neenah, Wis.
Cannon, Corbett Carlton, G. C. 2, fws	Roanoke Rapids
Capps, Earl Uel, Ph. 4, ws	Fayetteville
Carey, Halsey Sherwood, Law 3, fs A.B., 1935, Univ. of Rochester	Elmira, N. Y.
Carlton, Philip Rahm, Jr., G. C. 1, fws	Greensboro
Carlyle, Spencer, G. C. 2, ws	Valdosta, Ga.
Carmichael, Leon Wilson, G. C. 1, fws	Washington, D. C.
Carp, Robert, A-Sci. 3, fws	Boston, Mass.
Carpenter, Willis Thomas, Jr., G. C. 2, fws	Durham
Carr, Albert Gallatin, G. C. 2, fws	Durham
Carr, George Watts, G. C. 2, fws	Durham
Carr, James Dickson, Law 2, fs A.B., 1937	Wilmington
Carr, Peter Richard, G. C. 1, fws	Anderson, Ind.
Carrell, Russell Ashmead, G. C. 1, fws	Brooklyn, N. Y.
Carrell, Waldo Swearingen, C. spec., f	Burgaw
Carrier, Henry Nash, Jr., G. C. 2, fws	Brevard
Carroll, Benjamin Robert, G. C. 1, fws	Hamlet
Carter, Carney Blake, G. C. 1, fws	Morganton
Carter, James Wilburn, G. C. 2, fws	Kannapolis
Carter, John Dan, G. C. 2, fws	Spencer
Carter, John William, Ph. 1, fws	Yanceyville
Carter, Sam Tim, G. C. 2, fws	Washington
Carter, Thomas Leslie, Jr., G. C. 1, fws	Gatesville
Carter, William David, G. C. 1, fws	Penns Grove, N. J.
Cartier, Roderic Walter, G. C. 2, fws	Charlotte
Carty, Sam Charles, A-Sci. 4, f	Washington
Carusone, Franklin John, G. C. 1, ws	Cranford, N. J.
Carver, Alexander Henry, Jr., G. C. 2, fws	Wynnewood, Penna.
Cary-Elwes, Ross, A-Sci. 3, fws	Saluda

Casey, Leslie Ralph, G. C. 1, fws	Goldsboro
Cash, Hugh Pfohl, G. C. 2, fw	Winston-Salem
Casterton, Robert John, G. C. 2, fws	South Orange, N. J.
Castles, Eugene Franklyn, Jr., G. C. 1, fws	Glen Ridge, N. J.
Cates, Clyde Hogan, G. C. 2, f	Durham
Cates, Fred Claude, A-Sci. 4, ws	Spencer
Caudill, Julian Terrell, G. C. 1, fws	Elizabethton, Tenn.
Cavanaugh, Walter Van, G. C. 2, fw	Benson
Cavin, Wade Leonard, C. 4, fws	Troutman
Cazel, Fred Augustus, Jr., G. C. 1, fws	Asheville
Cecil, Hammett Andrew, G. C. 2, f	High Point
Cernugel, Anthony Nickolas, A-Sci. 3, fws	Steelton, Penna.
Chaikin, Marvin, A-Sci. 4, fws	Cedarhurst, N. Y.
Chalker, Selwyn, Jr., P. H., f S.B., 1937, Univ. of Florida	Lake City, Fla.
Chapman, Robert, G. C. 1, fws	Red Springs
Chasten, James Richard, G. C. 2, f; A-Sci. 3, ws	Wilmington
Cheek, Jack Allan, A-Sci. 3, fws	Greensboro
Cherry, Russell Drewry, G. C. 1, fws	Draper
Chesire, Alice Calder, A-Sci. 4, fws	Raleigh
Cheshire, Godfrey, Jr., G. C. 1, fws	Raleigh
Cheshire, Joseph Blount III, A-Sci. 3, fws	Raleigh
Chesnutt, James Moseley, G. C. 2, fws	Clinton
Chiles, James Richard, G. C. 2, fws	Asheville
Chinkers, Mortimer, G. C. 1, fws	Niagara Falls, N. Y.
Chisholm, William Washington, G. C. 2, fws	Savannah, Ga.
Chitty, Valna Claire, A-Sci. spec., s	Murfreesboro
Chrisman, William George, P. H., f D.V.S., 1903, Univ. of Toronto	Chapel Hill
Citron, David Sanford, G. C. 1, fws	Charlotte
Clardy, John L., G. C. 1, f	Fort Worth, Texas
Clark, Edward Breeden, Law 2, fs S.B., 1937	Elizabethtown
Clark, Francis Chauncey, A-Sci. spec., fws S.B., 1937, Univ. of Georgia	Augusta, Ga.
Clark, George Edward, Ph. 1, fws	Pittsboro
Clark, Herman Robinson, Law 1, fs A.B., 1937, Davidson Coll.	Fayetteville
Clark, Henry Toole, Med. 1, fs A.B., 1937	Scotland Neck
Clark, John Graham, Jr., A-Sci. 3, fws	Greenville
Clark, Joseph Thomas, P. H., s S.B., 1928, Georgia School of Technology	Atlanta, Ga.
Clark, Lonnie Onimus, Jr., A-Sci. 3, fws	Tarboro
Clark, Max Erwin, G. C. 1, fws	Salisbury
Clark, Michael Kirchwey, G. C. 1, fws	Mamaroneck, N. Y.
Clark, Robert Draughon, A-Sci. 4, fws	Fayetteville
Clark, Robert Lee, G. C. 2, fw	Pittsboro
Clark, Roy Edward, G. C. 2, fws	Chapel Hill
Clark, Walter, G. C. 2, fws	Lincolnton
Clark, William Fowden, C. 3, fws	Williamston

Clayton, John Walter, M. E. 4, fws	Winston-Salem
Clement, Hayden Croxton, A-Sci. 3, fws	Salisbury
Clement, John Reid, Jr., G. C. 1, f	Spencer
Clements, Richard Erskine, Jr., C. 3, fws	Henderson
Clingman, Joel Pattillo, A-Sci. 4, fws	Winston-Salem
Cloninger, Charles Edgar, Med. 1, fs A.B., 1937, Lenoir Rhyne	Claremont
Cloninger, Rowell Connor, G. C. 1, fws	Claremont
Coan, James Wiggins, Law 1, fs	Winston-Salem
Cobb, Jane Williams, A-Sci. spec., fws	Durham
Coble, Henry Luther, G. C. 2, fws	Greensboro
Coburn, Clarence Dowell, C. 3, fws	Roanoke Rapids
Cochrane, Fred Richard, Jr., A-Sci. 4, fws	Charlotte
Cochrane, William McWhorter, A-Sci. 3, fws	Newton
Cocke, Gretchen, A-Sci. 3, fws	Asheville
Cockerham, Grady Hoke, Jr., G. C. 2, fw	Elkin
Coe, Joffre Lanning, A-Sci. 3, f; A-Sci. 4, ws	Greensboro
Coe, Verta I., A-Sci. spec., fw B.M., 1913, The Woman's Coll.	High Point
Coffey, Ethel Katherine, A-Sci. 4, fws	Gastonia
Coffield, Henry Irwin, Jr., Law 2, fs A.B., 1936	High Point
Coffin, Edwin Francis, Jr., Ci. E. 4, fws	Bloomfield, N. J.
Coghill, Julian Baxter, Jr., G. C. 2, fws	Charleston, West Va.
Cohen, Abraham Dodgie, G. C. 2, f; C. 3, ws	Far Rockaway, N. Y.
Cohen, Joseph Robert, G. C. 1, fws	New York, N.Y.
Cohen, Morton, G. C. 2, fws	Bronx, N. Y.
Cohen, Ralph Gordon, G. C. 1, f	Portsmouth, Va.
Cohn, Murray Elliot, G. C. 1, fws	Brooklyn, N. Y.
Cohn, Robert, G. C. 1, fws	Winston-Salem
Coker, Eleanor Ruth, A-Sci. spec., f A.B., 1925, Randolph-Macon Coll.; A.M., 1930	Hartsville, S. C.
Coker, Robert Ervin, Jr., Med. 2, fws A.B., 1932	Chapel Hill
Cole, Roy Morgan, G. C. 2, fw	Forest City
Cole, Thomas Wheeless, G. C. 2, fws	Littleton
Cole, William Jeffrey, A-Sci. 3, fws	Elkhart, Ind.
Collett, James Rountree, G. C. 1, fws	Morganton
Collis, Constance, A-Sci. 3, fws	Durham
Collis, George Alexander, G. C. 1, fws	Durham
Colwell, John David, Ph. 1, fws	Wilmington
Combis, Gus George, G. C. 1, fws	Gastonia
Conderman, Robert J., C. 3, fws	New Bern
Condrey, Alfred McCoy, G. C. 1, fw	Forest City
Conduff, Duke Putney, A-Sci. 4, fws	Mt. Airy
Cone, Howard Berkley, G. C. 1, fws	Williamston
Conlen, Richard Alexis, Med. 1, fs S.B., 1935, The Coll. of William and Mary	Greenville, S. C.
Conley, Hall, C. 4, fws	Andrews
Conley, William Tate, G. C. 1, fws	Marion

Conn, William Vincent, A-Sci. 3, fws	Teaneck, N. J.
Coogan, Richard, A-Sci. 3, fws	Bryn Mawr, Penna.
Cook, Frederick Thomas, G. C. 2, fws	Plainfield, N. J.
Cook, Harold Cassius, G. C. 1, fws	Clinton
Cook, John Samuel, Jr., G. C. 1, fws	Leaksville
Cooke, Arthur Owen, Law 1, fs A.B., 1937, Davidson Coll.	Greensboro
Coon, Judith Meriwether, A-Sci. 4, fws	Holcomb Rock, Va.
Cooper, George Herbert, A-Sci. 3, fws	Philadelphia, Penna.
Cooper, George Marion, Jr., G. C. 1, fws	Raleigh
Cooper, George William, G. C. 1, fws	Greensboro
Cooper, Jack Porter, G. C. 2, fws	Atlanta, Ga.
Cooper, James Compton, G. C. 1, fws	Schenectady, N. Y.
Cooper, John Raymond, G. C. 1, fws	New Haven, Conn.
Copeland, Wendell Hope, G. C. 1, fws	Edenton
Copland, Mildred Ivy, A-Sci. 4, fws	Burlington
Corbett, Blanche, A-Sci. 4, fws	Atkinson
Corey, James Harold, G. C. 2, fws	Rocky Mount
Corpening, Albert Edward, Med. 2, fws	Granite Falls
Corpening, Robert Bruce, G. C. 1, fws	Granite Falls
Corpening, William, G. C. 2, fw; A-Sci. 3, s	Granite Falls
Correll, Lindon Edmund, G. C. 1, s	Chapel Hill
Corrubia, James, G. C. 2, fws	Asbury Park, N. J.
Costner, Alfred Nixon, Ph. 2, fws	Lincolnton
Couch, Llewellyn Hill, Jr., G. C. 1, fws	Monroe
Coughenour, William Chambers, Jr., Law 1, fs	Salisbury
Coughenour, Nancy Gray, A-Sci. 3, fws	Salisbury
Council, Cecil Knox, Jr., G. C. 1, fws	Wilmington
Council, Robert Harward, G. C. 2, fws	Raleigh
Cover, Bruce Fowler, G. C. 1, fws	Canal, Ont.
Covington, Vann Buren, G. C. 2, fws	Raleigh
Cowhig, Richard Lawrence, G. C. 1, fws	Charlotte
Cowper, William Riddick, G. C. 2, fs	Gatesville
Cox, Frank Calvin, C. 3, fws	Staley
Cox, Frank Warren, G. C. 2, f	Washington
Cox, Herbert Walton, G. C. 1, fws	Clarkton
Cox, John Richard, C. 4, f	Port Chester, N. Y.
Cox, Loring deWitt Talmage, A-Sci. 4, ws	Morganton
Cox, Robert Martin, Jr., G. C. 2, fws	Winston-Salem
Coxetter, James Geiger, Jr., A-Sci. 3, fws	Fort Bragg
Crabtree, Beth Gilbert, A-Sci. spec., fw; G., ws A.B., 1937, Meredith Coll.	Raleigh
Crabtree, Lawrence Edwin, G. C. 1, fws	Raleigh
Craig, Clifton Morton, Jr., C. 3, fws	Raleigh
Craig, Newton, A-Sci. 4, ws	Chapel Hill
Craige, Archibald, A-Sci. 4, fw	Winston-Salem
Craige, Ernest, A-Sci. 3, fws	El Paso, Texas
Craighill, James Brown, Law 2, fs A.B., 1936	Rocky Mount

Craver, Thomas Burke, C. 4, fws	Lexington
Crawford, Abraham Craig, C. 4, fws	Chapel Hill
Crawford, John Littlefield, G. C. 1, fws	Franklin
Crawford, Joseph Benjamin, Med. 1, fs A.B., 1937	Goldsboro
Crawford, Letcher, G. C. 1, fws	Savannah, Ga.
Crawley, Rufus Oliver, A-Sci. 4, fws	Statesville
Crawley, William Kermit, A-Sci. 3, fws	Raeford
Creech, Jack Alexander, Ph. 1, fws	Salemburg
Creech, James Leonard, Ph. 4, fws	Goldsboro
Creech, Victor Herman, Jr., G. C. 2, fw	Tarboro
Creedy, John Alan, A-Sci. 3, fws	Chapel Hill
Creedy, Phyllis Eveline, A-Sci. 4, f	Chapel Hill
Crew, William Lunsford, Law 1, fs	Pleasant Hill
Creznic, Theodore, G. C. 1, fws	Harrisburg, Penna.
Crockett, Thomas Whittington, G. C. 2, f; C. 3, ws	Williamston
Crooks, Roy Cox, Jr., C. 4, fws	Concord
Croom, Mebane Fearrington, G. C. 1, fws	Winston-Salem
Croom, William Penn, G. C. 2, dw; C. 3, s	Hallsboro
Cross, Richard Douglas, G. C. 2, fws	Swarthmore, Penna.
Crouse, Irvin Dewey, G. C. 2, fws	Thomasville
Crow, Jesse Bynumn, Jr., C. 4, fws	Shelby
Crowell, David Provence, G. C. 1, fws	Whiteville
Crowell, Guy Newby, A-Sci. 4, fws	Monroe
Crowell, John Addison, G. C. 1, fws	Concord
Crowell, Thomas Worth, Med. 2, fws A.B., 1935	Newton
Cruikshank, Olive Echols, A-Sci. 3, fws	Raleigh
Crump, William Carter, G. C. 2, fws	Winston-Salem
Crumpler, Frances Virginia, L. S., fws A.B., 1937, Salem Coll.	Winston-Salem
Crystal, Robert Garrison, A-Sci. 3, fws	New Rochelle, N. Y.
Cucuzzella, Dominic Anthony, A-Sci. 3, fws	Newark, N. J.
Cuddy, Estelle Wyse, A-Sci. 3, fws	Mt. Holly
Culbret, Grey, E. E. 4, fws	Chapel Hill
Cuneo, Frank Nylan, G. C. 2, fws	New York, N. Y.
Cunningham, J. Harry, Jr., G. C. 1, f	Thomasville
Cunningham, Robert Ervin, C. 3, fws	Monroe
Currence, Nat Harvey, C. 4, fws	Asheville
Currie, Elgie Lee, A-Sci. spec., fw	Hemp
Currie, James Sloan, G. C. 2, fws	Clarkton
Currin, Ralph Hicks, G. C. 2, fws	Hester
Curtis, Clarence Dowell, G. C. 1, fws	Ahoskie
Curtis, John William, G. C. 1, fws	Liberty
Cushman, Kate Gillespie, A-Sci. 4, fws	Conway, S. C.
Cutler, Sewall Cameron, G. C. 1, fws	Kew Gardens, N. Y.
Dale, Einar Hornibrook, G. C. 1, fws	Merchantville, N. J.
Dalrymple, Edwin Archibald, G. C. 1, ws	Sanford
Dalton, Don Ferdinand, G. C. 1, f	Lewisville

Dalton, Lacy Augusta, Law 2, fs A.B., 1933	Lumberton
Dalton, Masten Rufus, G. C. 1, fws	Winston-Salem
Dalton, Robert Albertson, A-Sci. 3, fws	Raleigh
Dalton, Sarah Staples, A-Sci. 4, fws	Reidsville
Dalton, William Reid, Jr., Law 1, fs	Reidsville
Dameron, Edgar Samuel William, Jr., G. C. 1, fws	Burlington
Daniel, Arthur Fletcher, C. 3, fws	Lexington
Daniel, Jack Harmon, G. C. 1, fws	Durham
Daniel, Margaret Crichton, A-Sci. 4, fws	Rocky Mount
Daniel, William Mansfield, C. 3, fws	Atlanta, Ga.
Daniel William Mathewes, Law 2, fs A.B., 1936	Wilson
Daniel, William Roscoe, G. C. 2, f	Fremont
Daniels, Charles Flowers, A-Sci. 4, fws	Greenwich, Conn.
Daniels, Harold Charles, G. C. 1, fws	Owego, N. Y.
Danish, Robert Warren, C. 4, f	Hollis, N. Y.
Darden, James Henry, G. C. 2, ws	Farmville
Darden, Paul Clifford, Jr., C. 4, fws	Wilson
Darnell, William Joseph, G. C. 2, f	Durham
Darracott, Joseph Gamewell, G. C. 2, fw; C. 3, s	Charlotte
D'Ascensio, Paul Thomas, A-Sci. 4, fws	Newark, N. J.
Daugherty, James Raymond, G. C. 1, fw	New Bern
Davenport, Billy Trammell, G. C. 1, fws	Charlotte
Davenport, Mary Kirby, A-Sci. spec., w	Efland
Davenport, Preston Ernest, C. 4, fws	Chapel Hill
David, William Ray, G. C. 1, fws	Epperly, West Va.
Davidson, Howard Melton, G. C. 2, fws	Greensboro
Davis, Beulah Elizabeth, A-Sci. 4, fw; G. s	Cleveland
Davis, Clifton Bailey, G. C. 2, ws	Alexandria, Va.
Davis, Douglas Jones, A-Sci. 3, fws	Roxboro
Davis, Edward Palmer, G. C. 1, fws	Dunn
Davis, Frieda M., A-Sci. 3, fws	South Hill, Va.
Davis, Glenn Benson, Jr., C. 3, fws	Washington, D. C.
Davis, Isaac Peter, Jr., G. C. 2, fws	Manteo
Davis, James Evans, G. C. 2, fws	Goldsboro
Davis, John Lorranine, C. 3, ws	Greensboro
Davis, James Preston, P. H., s	Marion, S. C.
Davis, McDonald, Jr., Ph. 3, fws	Clinton
Davis, Merle William, P. H., f S.B., 1937, Western Carolina Teachers Coll.	Grandview
Davis, Platt Walker, Jr., G. C. 2, fws	Wilmington
Davis, Robert Green Sutphin, Jr., C. 3, fws	Henderson
Davis, Samuel, Jr., C. 3, fws	Clarksville, Va.
Davis, William Joseph Graham, A-Sci. 4, fws	Washington, D. C.
Davison, John Murdock, A-Sci. 4, fws	Larchmont, N. Y.
Dawes, William Redin, Law 2, fs	Rocky Mount
Dawson, Collins Taylor, G. C. 1, fws	Jamaica, N. Y.
Dawson, Courtland Wharton, G. C. 2, fws	Montross, Va.

Dawson, George Robert, Jr., G. C. 1, fws	Jamaica, N. Y.
Dawson, Victor Weyher, A-Sci. 3, fw	Kinston
Day, Nathinel Sylvester, G. C. 1, fws	Jacksonville
Day, Nere Elexus, Jr., G. C. 1, fws	Jacksonville
Deal, Harry Mitchell, G. C. 2, f; C. 3, ws	Taylorsville
Dean, Raymond Lee, C. 4, fws	Oxford
Deaton, Walter Edison, C. 4, fws	Warsaw
Deaver, Frank Emerson, G. C. 1, fws	River Edge, N. J.
Decker, Daniel Burt, A-Sci. 4, fws	South Orange, N. J.
Dees, Fred, Jr., Ph. 1, fws	Burgaw
Dees, James Parker, A-Sci. 4, fws	Greenville
Dees, William Archie, Jr., G. C. 1, fws	Goldsboro
DeFronzo, Nicholas Romeo, A-Sci. 3, fws	Newark, N. J.
deFuniak, Herbert Rivers, C. spec., fw	Morehead City
deGuzman, Robert, G. C. 2, fws	Claverack, N. Y.
D'Elia, Albert Leo, A-Sci. 4, fws	New London, Conn.
D'Elia, Pierino Francis, G. C. 2, fws	New London, Conn.
Denning, Daniel Wilson, G. C. 2, f	Angier
Denning, William Robert, G. C. 1, fws	Dunn
Dennis, Lemuel Franklin, G. C. 2, fws	Crisfield, Md.
Derrickson, Joseph Patrick, Law 1, fs	Kennett Square, Penna.
Desich, Daniel, G. C. 2, fws	Lorain, Ohio
Deviney, Forrest Edward, G. C. 2, fws	Lawndale
Deyo, George Elting, G. C. 1, fws	Fairfield, Conn.
Dial, John Donald, Law 2, fs A.B., 1936, The Citadel	Columbia, S. C.
Dick, Randolph McLeod, G. C. 2, fws	Sumter, S. C.
Dickenson, Emily Hughes, A-Sci. 4, fws	Kinston
Dickerson, Edward Ray II, G. C. 2, fws	Monroe
Dickerson, Leon A., P. H., f	Scarbro, West Va.
Dicks, Robert Stanley, Ch. E., 4, fws	Chapel Hill
Dickson, Alvis Barnes, G. C. 2, fws	Raeford
Diffendal, Charles Edward, G. C. 2, fws	High Point
Dill, Lonnie Davis, C. 3, fws	Morehead City
Dillon, Henry Edward, Ph. 2, ws	Elkin
Dillon, William Austin, G. C. 2, fws	Ithaca, N. Y.
Dilworth, Edward Bentley, G. C. 2, fws	Bryn Mawr, Penna.
Dince, Roslyn Irene, A-Sci. 3, fws	New York, N. Y.
Ditt, Arthur Harvey, A-Sci. 4, fws	Lebanon, Penna.
Dixon, Ben Franklin, A-Sci. 3, fws	Raleigh
Dixon, John Luther, Jr., A-Sci. 4, fws	Oriental
Dixon, Theodore, G. C. 1, fws	Greensboro
Dlugin, Benjamin Leonard, G. C. 1, fws	Wilmington
Doak, Eleanor Douglas, A-Sci. 4, fws	Raleigh
Doggett, Lewis, Belton, C. 4, fws	Forest City
Donahue, Kathleen, L. S., fws A.B., 1936, Hope Coll.	Greensboro
Donaldson, Joseph VanSwearingen, A-Sci. 3, fws	Pittsburgh, Penna.
Doniger, Martin Jacob, G. C. 2, fws	Passaic, N. Y.

Dorsey, John Nelson, Jr., G. C. 2, fws	Shelby
Doty, Frank Bavier, G. C. 1, fws	West Orange, N. J.
Doty, Robert Woodburn, G. C. 2, fws	West Orange, N. J.
Douglas, Virginia Adams, Law 2, fs A.B., 1931	Greensboro
Dowd, David Jackson, Jr., L. S., fw A.B., 1935, Wake Forest Coll.	Dunn
Dowd, Robert Marsh, Ch. E. 4, fws	Charlotte
Downey, Bruce Johnson, Jr., A-Sci. 4, fws	Nashville
Doyle, Aloysius Thomas, A-Sci. 3, fw	Woodhaven, N. Y.
Doyle, John Joseph, G. C. 1, f	Asheville
Driver, Harry Fleming, G. C. 2, fws	Dunn
Drucker, Bertram Morris, G. C. 2, fws	Long Island City, N. Y.
Drucker, Murray Don, G. C. 2, fws	New York, N. Y.
Dry, Max Barrier, C. 3, f	Mt. Pleasant
Drye, Lane Cox, G. C. 2, fws	Landis
DuBose, Theodore Marion, G. C. 1, fws	Columbia, S. C.
Dudley, Edwin Laughlin, P. H., s S.B., 1935, Univ. of Missouri	Wilmington
Dudley, Leighton Wesley, A-Sci. 4, fws	Houlton, Me.
Dudley, Raymond Hill, A-Sci. 3, fws	Guilford, Conn.
Duff, Frank Fritts, C. 4, fws	Signal Mountain, Tenn.
Duffee, Ruth Winifred, A-Sci. 4, fws	Mobile, Ala.
duFour, Robert Brouard, A-Sci. 4, fws	Pleasantville, N. Y.
Dugger, Gordon Shelton, G. C. 1, fws	Vilas
Duguid, Helen Williams, Ph. 3, fws	Marion
Duke, Robert Edwin, G. C. 1, ws	Raleigh
Dunham, LeVerne, A-Sci. 4, fws	Geneseo, N. Y.
Dunham, Wallace Gamewell, A-Sci. 4, fws	Winston-Salem
Dunn, Elwood McDonald, Jr., G. C. 2, fws	New Bern
Dunn, Idaliza, A-Sci. 4, fws	Chapel Hill
Dunn, Wallace Stanhope, G. C. 2, f	Winston-Salem
Dunnagan, Claude Vivian, G. C. 2, w	Yadkinville
Dupree, Hermon Keck, G. C. 2, fws	Angier
Dupree, Louis Justus, G. C. 1, fws	Kinston
Durham, Floyd Matthew, Jr., G. C. 1, fws	Carrboro
Durham, Hollis Martin, G. C. 2, fws	Ronda
Durham, Ralph Lane, A-Sci. 4, fws	Lomax
Durrett, Miriam, A-Sci. 3, fws	Greenwood, Miss.
Dye, William Thomson, Jr., G. C. 2, fws	Charlotte
Dysart, Bulow Webster, A-Sci. 3, fws	Marion
Eagles, Frederick Moye, Law 2, s A.B., 1936	Wilson
Eakes, George Thomas, G. C. 1, w	Oxford
Early, David, G. C. 1 fws	Hubbard Woods, Ill.
Eason, Hubert Thurston, G. C. 1, fw	Gatesville
Easter, Howard Baxter, A-Sci. 3, fws	Lexington
Easter, Olen Cordell, G. C. 2, fws	Lexington
Eastman, Richard, G. C. 1, fw	White Plains, N. Y.
Eaves, Thomas C. Duncan, A-Sci. 3, fws	Union, S. C.

Eberhart, Paul Marcus, A-Sci. 4, fws	New York, N. Y.
Eddleman, John Holland, C. 3, fw	Gastonia
Edgerton, Wilbert Wellons, G. C. 1, fws	Kenly
Edmondson, Raymond Pender, G. C. 1, fws	Tarboro
Edmundson, Doan Woodard, G. C. 1, fws	Wilson
Edney, Fred Rippy, G. C. 1, fws	Chapel Hill
Edney, James Sidney, G. C. 1, fws	Chapel Hill
Edwards, Charles Henry, Jr., G. C. 2, fws	Goldsboro
Edwards, Gwyn, G. C. 1, fws	West Asheville
Edwards, Luther Kenneth, Jr., Ph. 3, fws	Stantonsburg
Edwards, Maurice Niles, G. C. 2, fws	Goldsboro
Edwards, Thomas Cunningham, G. C. 1, fws	Bronxville, N. Y.
Ehringhaus, Haughton, Law 1, f; A-Sci. 4, s	Raleigh
Eisenberg, Ezra, G. C. 1, fws	Durham
Eisenberg, Seymour, G. C. 2, fw; A-Sci. 3, s	Winston-Salem
Elder, Fred Kinglsey, Jr., G. C. 1, fws	Montreat
Elders, Hubert Thomas, P. H., s M.D., Medical Coll. of State of S C.	Columbia, S. C.
Eldridge, Claudie Josephine, Ph. 1, fws	Carrboro
Eldridge, Clyde Neville, P. H., s	Chapel Hill
Eller, Adolphus Hill, A-Sci. 4, fws	Winston-Salem
Ellington, Edgar Worth, Jr., G. C 1, fws	Chapel Hill
Elliot, Edwin Timanus, A-Sci. 3, fws	Germantown, Penna.
Elliott, Harvey Carrow, G. C. 2, fws	Washington
Elliott, John Palmer, A-Sci. 4, fs	Fuquay Springs
Ellis, Albert Joseph, Law 2, fs S.B., 1935	New Bern
Ellis, Herbert Alexander, A-Sci. spec., fws A.B., 1932, Duke Univ.	Asheville
Ellis, James Hugh, C. 4, fws	Nashville
Ellison, James Thaddeus, A-Sci. 4, fws	Parrottsville, Tenn.
Elwell, Alfred Maul, Jr., Med. 1, fs	Camden, N. J.
Emory, Mary Dortch, A-Sci. spec., f	Chapel Hill
Enck, Kenneth Fred, G. C. 1, fws	Oyster Bay, N. Y.
English, Charles Elwood, G. C. 2, f	Wilmington
Epstein, Edward Allan, G. C. 1, fws	Hartford, Conn.
Erickson, Edmund Eugene, G. C. 1, fws	Oak Park, Ill.
Ernst, Marion Cecil, C. 4, fws	Chapel Hill
Estroff, Jesse, G. C. 1, fws	Brooklyn, N. Y.
Etheridge, Paul Hayes, Jr., G. C. 2, fw	Kenly
Eutsler, Stuart Keith, C. 3, fws	Goldsboro
Evans, Charles Andrew, Ci. E. 4, fws	Statesville
Evans, J. Browne, A-Sci. spec., ws S.B., 1937, Presbyterian Coll.	St. Pauls
Evans, Janet Wallace, A-Sci. 3, fws	New Haven, Conn.
Evans, Margaret Wilson, A-Sci. 4, fws	Wingate
Evans, Mary Crockett, A-Sci. 4, fws	Bluefield, West Va.
Evans, Sallie Hart, A-Sci. spec., fw	Hemp
Evans, Webb Frederick, C. 4, fws	Carrboro

Evans, William Stuart, A-Sci. spec., f; Grad. spec., w	Hemp
Evenson, Norman, G. C. 1, fws	Wilmington
Ewing, James Miller, G. C. 2, fws	Troy
Exum, Woodrow Wilson, C. 3, ws	Snow Hill
Fackner, William Pratt, C. 4, fws	Washington, D. C.
Faircloth, Annie Beam, A-Sci. spec., s	Fayetteville
Faircloth, James Bascom, G. C. 2, fws	Roseboro
Fairley, Jack Phifer, G. C. 2, fws	Monroe
Faison, Beverley Adams, G. C. 2, fws	Raleigh
Falk, Robert Witherspoon, C. 4, fws	Sayville, N. Y.
Falls, Charles Zimri, A-Sci. 3, fws	Lawndale
Farish, Edward Philipe, G. C. 2, fws	Penns Grove, N. J.
Farlow, Worth L., C. 4, fws	High Point
Farmer, John Deaver, A-Sci. 4, fws	Wilmington
Farmer, Joseph Arthur, Med. 2, fws A.B., 1935	Shelby
Farrell, Frank Morgan, C. 3, ws	New York, N. Y.
Farrior, John Edward, A-Sci. 3, ws	Rose Hill
Farris, Robert Arthur, G. C. 1, fws	Wilson
Farris, William Clayton, Jr., G. C. 1, ws	East Orange, N. J.
Farthing, James Colly, Law 3, fs A.B., 1935, Lenoir Rhyne Coll.	Lenoir
Farthing, William Lee, Jr., C. 4, fws	Durham
Faucette, George Russell, A-Sci. 3, fws	Durham
Faucette, John Cleo, A-Sci. 3, ws	Durham
Faucette, Mary Elizabeth, L. S., fws A.B., 1931, Duke Univ.	Durham
Fearing, Thomas Campbell, A-Sci. spec., fw	Manteo
Feimster, Connor Jackson, A-Sci. spec., fws	Newton
Feldman, Morton, A-Sci. 4, fws	Woodmere, N. Y.
Feldstein, Harold Fabyan, G. C. 1, f	Brooklyn, N. Y.
Felkel, Mary Louise, A-Sci. 3, fws	Anderson, S. C.
Felton, Sanford Kesler, G. C. 1, fws	Eure
Fendley, Moses Lacy, Jr., C. 3, f	Charlotte
Ferguson, Arthur William, P. H., f S.B., 1936, The Citadel	Albany, Ga.
Ferguson, Fletcher Wilson, A-Sci. 4, fws	New Haven, Conn.
Ferguson, Ray, G. C. 1, fws	Chapel Hill
Ferling, Lawrence Monsanto, G. C. 1, fws	Bronxville, N. Y.
Feuchtinger, Carl J., Jr., G. C. 2, fw	Asheville
Ficklen, Louis Stuart, G. C. 2, fws	Greenville
Fields, Howard Herbert, G. C. 1, fws	Lorain, Ohio
Fields, James Ellis, Jr., G. C. 2, fws	Pinehurst
Fields, Walter Geddie, G. C. 1, fws	Chapel Hill
Fields, William Coffield, A-Sci. 4, fws	Fayetteville
Finch, John Clinard, G. C. 2, fw	Lexington
Finch, John William, Jr., G. C. 1, fws	Stantonsburg
Fine, Lester, G. C. 1, fws	Mt. Vernon, N. Y.
Fink, Bernard, G. C. 2, f	Schenectady, N. Y.

Fink, Clarence Everett, G. C. 2, fws	Spencer
Finkel, Coleman, G. C. 1, fws	Baltimore, Md.
Fishbach, Kenneth J., G. C. 1, fws	Brooklyn, N. Y.
Fisher, Dolphus Taylor, G. C. 2, fws	Rocky Mount
Fisher, Joseph Jerome, C. 4, fw	Houstonville
Fistel, Carl Murray, A-Sci. 3, fws	White Plains, N. Y.
Fitts, Henry Hunter, C. 3, fws	Macon
Fitts, Morris Calvert, C. 4, fws	Cortland, N. Y.
Fitts, Nathan Palmer, P. H., f M.D., 1929, Medical Coll. of Virginia	Durham
Fitzgerald, Robert Banks, G. C. 1, fws	Pelham
Fleming, Carey Hunter, G. C. 2, fw	Raleigh
Fleming, John Boyd, G. C. 2, f	Greenville
Fleming, Kathryn Briggs, A-Sci. 3, fws	Wilson
Fleming, Strother Callaway, A-Sci. 3, fws	Atlanta, Ga.
Fleming, Velma, Ph. 4, fws A.B., 1932, Fairmont Teachers Coll.	Ravenswood, West Va.
Fletcher, Fred, A-Sci. 4, fws; G. s	Raleigh
Fletcher, John Barba, A-Sci. 3, fws	Asheville
Fletcher, Joseph Lambert, C. 3, fws	Winston-Salem
Fligel, Sol Sidney, G. C. 1, fws	Rocky Mount
Floyd, James Pleasant, Jr., A-Sci. 3, fws	Oxford
Flynt, Rufus Guy, C. 3, fws	Winston-Salem
Flynt, Sandy Richard, A-Sci. 4, f	Winston-Salem
Folb, Maurice Bernard, P. H., f	Chapel Hill
Folger, Kathryn Nantucket, A-Sci. spec., fw	Dobson
Foltz, Paul Otto, C. 4, fws	Winston-Salem
Fonda, Avery Hunt, G. C. 1, fws	Weaverville
Fonvielle, Wayne Alexander, Jr., A-Sci. 3, fws	Wilmington
Foote, Gaston Simmons, Jr., G. C. 1, fws	Portsmouth, Va.
Forbes, Gus Evans, Jr., A-Sci. 3, fws	Greenville
Ford, Enos Walker, P. H., s	Easley, S. C.
Ford, Lamar Hunter, G. C. 2, fws	Chapel Hill
Ford, William Harold, Law 1, fs S.B., 1937, Catholic Univ. of America	Belmont
Foreman, John Born, C. 4, fws	Glencoe, Ill.
Forrest, Ernest Graham, G. C. 2, fws	Winston-Salem
Forrest, Stephen Taylor, G. C. 1, fws	Winston-Salem
Forrest, Turner Joe, G. C. 2, fws	Efland
Fortune, Benjamin Fletcher, Med. 1, fs A.B., 1937	Greensboro
Fortune, Porter Lee, Jr., G. C. 1, fws	Old Fort
Foss, Hugh Hill, G. C. 2, fws	New York, N. Y.
Foster, Ralph Emerson, Jr., Ph. 1, fws	Leaksville
Foster, Robert Gilmer, G. C. 1, fws	Winston-Salem
Fountain, Archie Don, G. C. 2, fws	Wilmington
Foushee, Frederick Watson, Ph. 1, f	Staley
Foust, John DeWitt, Jr., M. E. 4, fws	Graham
Fowler, Joseph Thomas, G. C. 2, fw	Roseboro

Fowler, Robert Stevens, G. C. 2, fw; A-Sci. 3, s	Rahway, N. J.
Fox, Albert A., G. C. 2, fws	Paterson, N. J.
Fox, James Hamilton, Ph. 3, fws	Asheboro
Fox, Raymond Leslie, G. C. 1, fws	Danville, Va.
Francis, John Willard, G. C. 2, f; A-Sci. 3, w	Philadelphia, Penna.
Francis, Joseph Snelson, M. E. 4, fws	Bryson City
Frank, Robert B., G. C. 2, fws	Washington, D. C.
Franklin, Julian Clyde, Law 2, fs	High Point
Frazer, James Royall, Law 1, fs A.B., 1937	Great Neck, N. Y.
Frazer, Keener C., (Mrs.), A-Sci. spec., w A.B., 1925, Univ. of Ala.	Chapel Hill
Frazier, Howard Edward, G. C. spec., w	Badin
Frazier, Rose Marie, L. S., w A.B., 1929, Duke Univ.	Durham
Freeman, Dexter Lynn, A-Sci. 4, fws	Conway
Freeman, Felton Dale, G. C. 2, fws	Ellerbe
Freeman, Raymond Carl, A-Sci. 4, f; P. H., s	Colerain
French, Edward Davis, G. C. 2, fws	Niagara Falls, N. Y.
French, John Eugene, G. C. 1, fws	New York, N. Y.
French, Mary Elizabeth, A-Sci. 3, fw	New York, N. Y.
Freudenheim, Richard Horace, G. C. 2, fws	Brooklyn, N. Y.
Freudenheim, Theodore E., A-Sci. 4, fws	Brooklyn, N. Y.
Friedland, Elias, G. C. 2, fws	New York, N. Y.
Friedman, Joseph, A-Sci. 3, fws	New York, N. Y.
Friedman, Morton, G. C. 1, fw	Elizabeth, N. J.
Frisby, George Rohatsch, G. C. 1, fws	Elizabeth City
Fry, Thomas McElhenny, C. 3, fws	Augusta, Ga.
Frye, John Robert, A-Sci. 4, fws	Asheville
Fulenwider, Jesse Lamar, Jr., G. C. 2, fws	Savannah, Ga.
Fuller, Edward James, A-Sci. 4, fws	Salem, Mass.
Fuller, Edwin Rudolph, Ph. 1, fws	Louisburg
Fuller, James Ernest, A-Sci. 4, f	Columbus, Ga.
Fuller, Williamson Whitehead II, Law spec., fs	Southern Pines
Furgurson, Ernest Whitmal, P. H., f S.B., 1934, Wake Forest Coll.; M.D., Syracuse Medical School	Louisburg
Fussell, John Henry, Jr., C. 4, fws	Wilmington
Futch, Laurence Wilson, G. C. 1, fws	Burgaw
Futrell, Clyde Loraine, Ph. 4, fws	Pine Level
Gaddy, Benjamin Dixon, Jr., A-Sci. 3, fws	Durham
Gaddy, Ellis Patrick, Ph. 3, fws	Ellerbe
Gaddy, Phil, A-Sci. 3, w	Marshville
Gallemore, Johnnie L., P. H., f S.B., 1933, Mercer Univ.; M.D., 1936, Univ. of Ga. Medical School	Macon, Ga.
Galloway, Samuel Belton, C. 3, fw; A-Sci. 3, s	Jackson, Miss.
Gamble, Alice Elam, A-Sci. 4, f	Southern Pines
Gammans, George Henry, G. C. 2, fws	Newport, R. I.
Ganderson, Harry, G. C. 2, fws	Elizabeth City
Ganey, Paul Hiram, G. C. 1, fws	Leland
Gans, Gene Eddy, G. C. 2, fws	Poland Mines, Penna.

Ganslen, Norman John, G. C. 2, fws	Farmingdale, N. J.
Gant, Corinna Erwin, A-Sci. 4, f; Grad., ws	Raleigh
Gant, Kenneth, G. C. 2, fws	Raleigh
Gardiner, David Foulke, G. C. 1, fws	Philadelphia, Penna.
Gardner, Janie Lou, A-Sci. spec., fws	Chapel Hill
Gardner, Edward Bunk, G. C. 1, fws	Mayfield, Ky.
Gardner, Lytt Irvine, A-Sci. 4, fw; Grad., s	Reidsville
Garelik, Sanford Daniel, C. 4, fws	New York, N. Y.
Garland, James Boyce, G. C. 1, fws	Gastonia
Garland, Robert Franklin, C. 4, fws	Marshville
Garner, Oliver Lamont, C. 4, fws	Asheville
Garrett, Ruth Louise, A-Sci. 3, fws	Briarcliff Manor, N. Y.
Gary, Memrie Marks, A-Sci. 3, fws	Greenwood, Miss.
Gatling, Clarine, A-Sci. spec., f	Gates
Gatton, Thomas Harry, G. C. 2, fws	Harmony
Gavce, Jerry Winston, G. C. 2, fws	New York, N. Y.
Gavin, Harold Winford, Law 1, fs	Sanford
Gay, George, G. C. 1, fws	Dorchester, Mass.
Gaylord, William Bruce, Jr., P. H., s	Jamesville
Geddie, Frank Alexander, G. C. 2, f	Lumberton
Geer, Milton Ufford, G. C. 1, fws	Cincinnatus, N. Y.
Gegerson, Nathan T., A-Sci. 4, fs	Brooklyn, N. Y.
Geller, Daniel, G. C. 2, fws	Long Beach, N. Y.
Gemayel, George Niome, G. C. 2, fws	Spencer
Genell, Lauren E., A-Sci. spec., fws	Oakland, Calif.
Gennett, Andrew, Jr., G. C. 1, fws	Asheville
George, John Philip, G. C. 2, fws	Mt. Airy
Gerald, Charles Hammond, G. C. 1, fws	Columbia, S. C.
Gesser, John Henry, Jr., G. C. 1, f	Hendersonville
Gewolb, Marvin Herbert, G. C. 2, fw	New York, N. Y.
Ghegan, Drury Willis, G. C. 2, fws	Brooklyn, N. Y.
Gianakos, Nick Louis, G. C. 2, fws	Hendersonville
Gibbs, James Ulrich, C. 4, fws	Whittier
Gibbs, Robert Louis, Med. 2, fws A.B., 1936, Lenoir Rhyne Coll.	Hickory
Gibson, Francis Duncan, Med. 2, fws	Gibson
Gibson, Gordon Maxwell, Law 1, fs	Chatham, N. J.
Gibson, James Cunningham, C. 3, fws	Concord
Gibson, John Ebert, A-Sci. 4, ws	Gibson
Giddens, Virginia Marie, A-Sci. 3, fws	Tallahassee, Fla.
Giddings, Joseph Emmett, G. C. 1, fws	Mount Olive
Giduz, Charles Baker, G. C. 1, ws	Chapel Hill
Gifford, James Gordon, C. 4, fws	Southern Pines
Gilchrist, Royal Lee, Jr., G. C. 2, fws	Sanford
Giles, Harry Derrick, A-Sci. 4, fws	Danville, Va.
Giles, Leonard Vincent, Jr., G. C. 2, fw	Newark, N. J.
Gillam, Moses Braxton, Law 2, fs A.B., 1937	Windsor
Gill, Arthur Donald, G. C. 2, fws	Hawthorne, N. J.

Gillette, George William, Jr., P. H., s S.B., 1935, North Carolina State Coll.	Washington, D. C.
Gilliam, Donnel, Jr., A-Sci. 3, fws	Tarboro
Gilliam, William Lee, Jr., G. C. 1, fws	Richmond, Va.
Gilman, Gertrude, A-Sci. spec., A.M., Univ. of Chicago	Chicago, Ill.
Gilmore, Charles Wurster, A-Sci. 4, fws	Pittsburgh, Penna.
Gilmore, Voit, A-Sci. 3, fws	Winston-Salem
Ginsberg, Morton Adolph, G. C. 1, fws	Hudson, N. Y.
Gips, Richard Emil, G. C. 2, fws	New York, N. Y.
Givan, Frank Monroe, G. C. 1, fws	Charlotte
Glace, Ivan Maxwell, Jr., Ci. E. 4, s	Harrisburg, Penna.
Glamack, George Gregory, G. C. 1, fws	Johnstown, Penna.
Glenn, John Louis, Ch. E. 4, fws	Charlotte
Glicksberg, Aaron Baer, G. C. 2, fws	Brooklyn, N. Y.
Glover, John Crandall, G. C. 1, fws	Long Beach, Cal.
Glover, Mary D'Oyley, A-Sci. 4, fws	Greenville, S. C.
Goddard, Ralph Victor, G. C. 2, ws	Rome, N. Y.
Godwin, Grover Cleveland, Jr., G. C. 1, fws	Sanatorium
Goforth, Frances Annabel, A-Sci. 3, fws	Kings Mountain
Gold, Hillard, A-Sci. 3, fws	Brooklyn, N. Y.
Goldberg, Herbert Alexander, C. 4, fws	Bessemer City
Goldberg, Murray, A-Sci. 3, fws	Hampstead, N. Y.
Goldhaber, Irving Jerry, G. C. 1, fws	Flushing, N. Y.
Goode, John Edward, Jr., A-Sci. 3, fws	Shreveport, La.
Goodman, Carol Sophie, A-Sci. 3, fws	Wilmington
Goodman, Erastus Genair, Med. 2, fws S.B., 1937	Leland
Goodman, Joseph, A-Sci. 3, f	Brooklyn, N. Y.
Goodwin, Junius John, G. C. 1, fws	Lumberton
Goodwin, Malcolm Noyes, Ph. 3, fws	Greensboro
Goodwin, Robert Daniels, G. C. 2, fws	Asheville
Googe, Alice Lee, L. S., fws A.B., 1937, Salem Coll.	Winston-Salem
Goold, Edgar Hunt, Jr., A-Sci. 3, fws	Raleigh
Gordon, Abraham, A-Sci. 4, f	Goldsboro
Gordon, Francis Marshall, C. 3, fws	Tonawanda, N. Y.
Gordon, James Edward, C. 4, fws	Hillsboro
Gordon, Lewis, A-Sci. 3, fws	Miami, Fla.
Gordon, Robert Bernard, G. C. 2, f	Brooklyn, N. Y.
Gordon, William Jones, Jr., G. C. 2, fws	Spray
Gore, James Victor, G. C. 1, fw	Clinton
Gottlieb, Allan William, A-Sci. 3, fws	Brooklyn, N. Y.
Gouger, John Lewis, C. spec., w	Mooresville
Gove, John Raymond, Ci. E. 4, fws	Bergenfield, N. J.
Gove, Robert Horace, P. H., s S.B., 1934, Univ. of Michigan	Battle Creek, Mich.
Gover, Alex McGowin, Law 1, fs	Charlotte
Grady, Charles Leland, G. C. 2, f	Kinston
Grady, James Calhoun, G. C. 1, fws	Kenly

Grady, Lester Ottie, G. C. 2, f	Kinston
Grady, Paul Davis, Law 3, f A.B., 1934, Atlantic Christian Coll.	Kenley
Gragg, Wilford Harris, Jr., G. C. 2, fws	Memphis, Tenn.
Graham, Alexander Hawkins, Jr., A-Sci. 3, fws	Hillsboro
Graham, Nevin Daniel, A-Sci. 4, fws	Hamlet
Graham, Reuben Holmes, Jr., C. 4, fws	Charlotte
Gainger, Isaac Bates, G. C. 1, fws	Verona, N. J.
Grantham, Britton, G. C. 1, w	Rocky Mount
Grantham, Donald James, A-Sci. 4, fws	Four Oaks
Gray, Cornelia Holmes, A-Sci. 4, fws	Charlotte
Gray, James Alexander, Jr., G. C. 1, fws	Winston-Salem
Green, Allen James, G. C. 1, fws	Cooleemee
Green, Edgar Lester, Jr., A-Sci. 4, fws	Catonsville, Md.
Green, Samuel Henry, G. C. 1, fws	Montgomery, West Va.
Green, William Wills, Jr., G. C. 1, fws	Tarboro
Greenbaum, Irwin, G. C. 1, fws	Far Rockaway, N. Y.
Greene, Henry Wilson, Ph. 1, fws	Roanoke Rapids
Greene, Mary Louise, A-Sci. 3, fws	Rock Hill, S. C.
Greene, Phares Yates, P. H., s A.B., 1928, Wake Forest Coll.; S.B., 1930, Northwestern Univ.; M.D., 1933, *ibid.*	Apex
Greenebaum, John Frederick, G. C. 2, fw	Chicago, Ill.
Greer, John Edwin, Ch. E. 4, fws	Andrews
Greeson, Michael Ralph, C. 4, fws	Greensboro
Gregg, Eugene Stuart, Jr., G. C. 2, fws	Eutawville, S. C.
Gregg, Smiley Alexander, G. C. 1, ws	Laurinburg
Gregory, Edwin Max, G. C. 1, fws	Angier
Gregory, Fletcher Harrison, Jr., C. 3, fws	Halifax
Gridley, Ansel Edwin, G. C. 1, fws	Sarasota, Fla.
Grier, John Charles, G. C. 1, fws	Gastonia
Grier, John Calvin, Med. 2, fws A.B., 1936	Charlotte
Grier, Paul Livingston, L. S., fws A.B., 1936, Erskine Coll.	Clover, S. C.
Griffin, Clarence Alonzo, Jr., Law 2, fs S.B., 1937	Rocky Mount
Griffin, Clarence Walton, Law 3, f A.B., 1935	Williamston
Griffin, Ezra Ennis, Jr., Law 3, fs A.B., 1935	Goldsboro
Griffin, George Joseph, G. C. 1, fws	Palmyra, N. Y.
Griffin, John Franklin, Jr., A-Sci. 4, f	Rocky Mount
Griffin, Roscoe Dillard, C. 4, fws	Rocky Mount
Griffin, Sandy Davis, Jr., Ph. 1, fws	Wingate
Griffin, Thomas Whitmell, G. C. 1, fws	Woodville
Griffin, William Glenn, G. C. 2, fws	Sanford
Griffin, William Howard, C. 3, fws	Williamston
Griggs, Astor Gary, G. C. 1, fws	Badin
Grimes, Alan Pendleton, G. C. 1, fws	Staten Island, N. Y.
Grimes, Grace Amelia, A-Sci. spec., s	Lexington

Grimes, Junius Daniel, Jr., C. 4, fws	Washington
Grimes, William Embry, G. C. 1, f	Durham
Gross, Harold Irvin, C. 3, fws	Kinston
Grossmann, Willard Bertram, G. C. 1, fws	New York, N. Y.
Groves, William Lester, Jr., G. C. 1, fws	Spartanburg, S. C.
Grubb, Foy Eugene, C. 4, fws	Spencer
Grubbs, Okla Gatewood, G. C. 1, fws	Charlotte
Gudger, Vonno Lamar, Jr., G. C. 2, fws	Asheville
Guelker, James Melvin, C. 4, fws	Asheville
Guion, Edwin Howard, G. C. 2, fws	Waxhaw
Gunn, Townsend Howard, Jr., C. 3, fws	Rocky Mount
Gunter, Charles Walker, Jr., G. C. 2, fws	Gastonia
Gunter, Martha McDowell, A-Sci. 3, fws	Gastonia
Gunterberg, Charles Christian, Jr., G. C. 2, fw	Irvington, N. J.
Gunther, Philip Hoghton, G. C. 2, fws	New York, N. Y.
Gurney, Thomas Wesley, C. 3, fws	Burlington, Vt.
Gusar, Donald Mortimer, G. C. 1, fws	Brooklyn, N. Y.
Guthe, Alfred Kidder, G. C. 1, fws	Ann Arbor, Mich.
Gutterman, Edith Claire, A-Sci. 3, ws	Brooklyn, N. Y.
Guy, Ernest Gordon, G. C. 1, fws	Harmony
Guy, Robert Bruce, G. C. 2, s	Newland
Guynes, Henry Calvin, A-Sci. 3, fws	Chapel Hill
Gwynn, Dallas Edmundson, C. 4, fws	Leaksville
Haas, William Charles, P. H., s	Wilmington
Hackney, Daniel Ashby, C. 3, fws	Spencer
Hackney, Thomas Jennings, Jr., G. C. 1, fws	Wilson
Haddaway, Warren Monroe, C. 4, fw; Grad., s	West Chester, Penna.
Haigh, Philip Wiley, Jr., G. C. 1, fws	Fayetteville
Hainsworth, Waldo Reed, P. H., f S.B., 1934, Randolph-Macon Coll.	Norfolk, Va.
Hair, Joseph Tracey, P. H., s A.B., 1926, Wofford Coll.; M.D., 1930, Jefferson Medical Coll.	Aiken, S. C.
Hales, Harry Edward, G. C. 1, fw	Collingswood, N. J.
Hall, Alexander Weldon, C. 4, fws	Warrenton
Hall, Alonzo Cleveland, Jr., G. C. 2, fws	Greensboro
Hall, Burwell Freeman, Jr., A-Sci. 3, ws	Asheville
Hall, James William, G. C. 2, f; C. 3, ws	Wilmington
Hall, Stanley Eugene, G. C. 2, fws	Portsmouth, Va.
Hall, Tommy Eugene, A-Sci. 4, f	Mt. Airy
Hall, Wallace Vann, G. C. 1, fws	Yanceyville
Hallman, Perrye Gertrude, A-Sci. spec., s	Iron Station
Halperin, Bertram Charles, G. C. 2, fws	New York, N. Y.
Halsey, William Bradley, Ph. 3, fws	Sparta
Ham, Clem, P. H., f S.B., 1922, Coll. of Charleston; M.D., 1926, Medical Coll. of S.C.	Goldsboro
Ham, Isaac Duncan, Jr., G. C. 3, C. 3, ws	Greensboro
Hambright, James Carl, G. C. 2, fws	Rock Hill, S. C.
Hamer, Eugene Floyd, Med. 1, fs A.B., 1937, Wofford Coll.	McColl, S. C.
Hamer, Marion Sims, Ph. 2, fws	Lenoir

Hamilton, Albert Broadus, C. 3, fws	Jonesboro
Hamilton, Frederick Bruce, G. C. 2, fws	South Orange, N. J.
Hamilton, Ned Sprunt, C. 3, fws	Chapel Hill
Hamlet, Joe Edward, Ph. 1, fws	Hollister
Hamlin, Edwin Jones, A-Sci. 4, fws	Roxboro
Hamlin, William Pickett, G. C. 1, fws	High Point
Hampton, Edward Bolton, G. C. 2, fws	Winston-Salem
Hampton, John Ray, G. C. 1, fws	Leaksville
Hampton, Peggy, L. S., ws A.B., 1937	Asheville
Hamrick, Alton B., G. C. 2, fws	Lattimore
Hamrick, Howard Luther, A-Sci. 4, fws	Lattimore
Hamrick, James Nathaniel, Law 2, fs A.B., 1936, Univ. of S. C.	Rutherfordton
Hanby, Donald Gilbert, G. C. 1, fws	Wilmington, Del.
Hancock, Franklin Wills, Jr., C. 3, fws	Oxford
Hancock, John Marshall, G. C. 2, fws	New York, N. Y.
Hancock, Stoddard Page, A-Sci. 4, fws	New York, N. Y.
Hand, William Luther, Jr., G. C. 1, fws	New Bern
Hane, James Tennent, P. H., s	Gaffney, S. C.
Hansen, Chris Anthony, P. H., s S.B., 1937, North Dakota State Univ.	Guelph, N. Dak.
Haralson, Robert Hatton, Jr., P. H., f S.B., Cumberland Univ.; M.D., 1936, Univ. of Tenn.	Lebanon, Tenn.
Hard, Stephen Bois, A-Sci. 4, fws	Cedarhurst, N. Y
Hardee, Aldridge Kirk, Ph. 3, fws	Graham
Harding, William Blount, G. C. 1, fws	Washington
Hardison, Luther Lindon, A-Sci. 4, fws	Edenton
Hardwick, Thomas Chandler, G. C. 1, fws	Quincy, Mass.
Hardy, Frederick Thornett, G. C. 2, fws	Richmond, Va.
Hardy, Herbert Wallace, G. C. 1, fws	Sanford
Harford, Vaughan Theodore, Jr., G. C. 1, fws	Washington, D. C.
Hargrove, Walter Clark, G. C. 1, fws	Tarboro
Harkey, Harry Allred, A-Sci. 3, fws	Sanford
Harkey, William Albertis, C. 4, w	Sanford
Harkins, Herschel Springfield, Law 1, fs	Asheville
Harkins, Nell Peake, A-Sci. 4, fw	Asheville
Harllee, Victor Fisher, C. 3, fws	Greensboro
Harmon, Martin Luther, G. C. 2, fws	Kings Mountain
Harnden, Charles Elmer, Jr., G. C. 1, fws	Penn Valley, Penna.
Harney, William Capehart, A-Sci. 3, fws	Norfolk, Va.
Harper, Paul Elisha, G. C. 1, fws	Winston-Salem
Harrell, David Vann, G. C. 1, fws	Burgaw
Harrelson, George David, G. C. 2, fws	Cherryville
Harrelson, Warren Everette, G. C. 2, f	Fayetteville
Harriman, Joseph Kimbell, A-Sci. 4, fws	Philadelphia, Penna.
Harrington, Robert Charles, Jr., G. C. 1, fws	Charlotte
Harrington, William Eugene, G. C. 2, fw; C. 3, s	Washington
Harris, Arthur Lawrence, C. 4, fws	Seaboard

Harris, Charles Marvin, G. C. 1, fws	Stamford, Conn.
Harris, Barbara Jane, A-Sci. 4, fws	Raleigh
Harris, George William, A-Sci. 4, fws	Seaboard
Harris, Henry William, Ph. 2, fws	Catawba
Harris, Jesse Lee, G. C. 1, fws	Hertford
Harris, John Brame, G. C. 2, fws	Durham
Harris, Lewis Spencer, G. C. 1, fws	Stamford, Conn.
Harris, Robert Adrian, C. 3, fws	Arcola
Harris, William Ings, G. C. 2, f; A-Sci. 3, ws	Weldon
Harrison, Oscar Andrus, G. C. 1, f	Wilson
Harrison, Walter K., P. H., f	Tampa, Fla.
Harrison, Willis Speight, A-Sci. 4, fws	Windsor
Harriss, Charles Johnson, A-Sci. 3, f; C. 3, ws	Wilmington
Hart, Edward B., G. C. spec., s	St. Augustine, Fla.
Hart, Roy Lassiter, G. C. 1, fws	Weldon
Hart, William Chaffee, Jr., G. C. 1, fws	Stratford, Conn.
Harvey, Harry Francis, A-Sci. 4, fws	Salisbury
Harvey, Thomas Hyman, Jr., G. C. 2, fws	Kinston
Harward, William Fowle, G. C. 2, fws	Apex
Hastie, John Drayton, C. 3, fws	Charleston, S. C.
Hatcher, Samuel Westbrook, A-Sci. 3, fws	Mt. Olive
Hatem, Joseph Nahoun, A-Sci. 3, fws	Roanoke Rapids
Hauptman, Joseph, G. C. 2, fws	Brooklyn, N. Y.
Hawfield, Samuel Glenn, Ci. E. 4, fws	Concord
Hawkins, Harry Lowell, C. 4, fws	Asheville
Hawley, Frank Morton, Jr., C. spec., w; Grad. s A.B., 1933	Madison
Hawthorne, Phyllis, A-Sci. 4, fws	Scarsdale, N. Y.
Hayes, Julian Mixon, C. 3, fws	Aurora
Hayes, Thomas Clifton, Jr., G. C. 1, fws	Charlotte
Hayman, Louis DeMaro, G. C. 1, fws	Nashville
Haynes, Rosalie, A-Sci. 3, ws	Charlotte
Haynsworth, Madeline Bedell, A-Sci. 4, fws	Greenville, S. C.
Haywood, Thomas Carroll, A-Sci. 3, fws	Concord
Haywood, Thomas Holt, Jr., G. C. 1, fws	Winston-Salem
Heard, George Alexander, A-Sci. 4, fws	Savannah, Ga.
Heath, Ben Ross, G. C. 1, fws	Kinston
Heath, Hunter, G. C. 1, fws	Kinston
Heath, Thomas Woodley, G. C. 2, fws	Kinston
Hebbard, Russell Edgar, G. C. 1, fws	New York, N. Y.
Hecht, Morris, C. 4, fws	Columbus, Ga.
Hedden, Julius Clyde, P. H., s A.B., 1933, Lincoln Memorial Univ.	Laurens, S. C.
Hedrick, John Walter, G. C. 1, f	High Point
Hedrick, R. E., G. C. 2, fws	Lexington
Hedrick, Robert Welborn, G. C. 2, fw	Lenoir
Heitman, William Fletcher, G. C. 1, fws	Salisbury
Heller, Richard Paul, Ch. E. 4, fws	Charlotte
Helms, Worth McLendel, A-Sci. 4, fws	Charlotte

Henderson, David Eldridge, Me. E. 4, fws	Chapel Hill
Henderson, Hubert Platt, G. C. 1, fws	Chase City, Va.
Henderson, John R., G. C. 1, fws	Charlotte
Henderson, John Steele, A-Sci. 3, fws	Chapel Hill
Henderson, Joseph Audry, G. C. 1, f	Plymouth
Henderson, Margaret Belle, A-Sci. 4, fws	Hickory
Henderson, William Ware, G. C. 2, f	Plymouth
Hendley, Albert Eugene, Jr., P. H., f	Wadesboro
Hendrix, Delmas Dalton, G. C. 1, f	Forest City
Hendrix, William Houston, Jr., C. 3, fws	Greensboro
Henry, Mary Elizabeth, A-Sci. 4, fws	Chapel Hill
Henry, Rusk Griffin, G. C. 1, fws	Hickory
Henson, James Lamar, A-Sci. 3, f	Stantonsburg
Hermson, Robert Edward, G. C. 2, fws	Brooklyn, N. Y.
Herring, Neal, G. C. 2, ws	Greenville
Hesse, Robertson Clemens, A-Sci. 3, fws	Baltimore, Md.
Hester, Jesse Claude, G. C. 1, fws	Bladenboro
Hester, Joseph McMurray, G. C. 2, fws	Wendell
Hewitt, Daniel Albert, G. C. 1, fws	Asheville
Hewitt, Elwood Carey, C. 3, fws	Elizabeth City
Hewitt, William Leonard, A-Sci. 3, fws	Elizabeth City
Heyward, Francis Dewey, A-Sci. 4, fws	Goldsboro
Hicks, Donald Cade, G. C. 2, fws	Franklinton
Hicks, Henry Thomas III, Phar. spec., fw	Raleigh
Hicks, James Franklin, G. C. 2, fws	High Point
Hiers, Hart Bernard, P. H., s	Walterboro, S. C.
Higgins, Carlisle Wallace, Jr., A-Sci. 3, fws	Greensboro
Higgins, Thomas Dupree, G. C. 2, fws	Jamestown, N. Y.
High, Lewis Sneed, A-Sci. 3, fws	Durham
Highsmith, Seavy, Jr., A-Sci. 4, fws	Fayetteville
Hight, Frederick Morton, G. C. 2, fw	Wilson
Hike, Harold Francis, G. C. 2, fws	Cortland, N. Y.
Hilderman, Walter Carrington, A-Sci. 3, fws	Southern Pines
Hilfman, Julius, G. C. 2, fws	Rochester, N. Y.
Hill, Donald Mac, C. 4, fws	Carrollton, Ohio
Hill, Eugene Bennett, C. 3, fws	Spindale
Hill, Harrell Bruce, G. C. 1, fws	Reidsville
Hill, Robert DeVault, G. C. 1, fws	Spindale
Hill, Robert Hugh, G. C. 2, fws	Beaufort
Hill, Ruth Colvard, L. S., fws A.B., 1937, Woman's Coll. of U.N.C.	Greensboro
Hill, Walter Barnard, L. S., fws S.B., 1913, Univ. of Georgia; A.M., 1937, Univ. of Michigan	Clarkesville, Ga.
Hill, William Gibson Clark, P. H., s Ph.G., Univ. of Pittsburgh	Moundsville, West Va.
Hilton, Joseph Truman, G. C. 2, fws	High Point
Hine, Charles James, G. C. 2, fw	Tuinucu, Cuba
Hines, Harvey Carrow, Jr., C. 3, fws	Kinston
Hines, William Walker, G. C. 2, fws	Kinston

Hinkle, Bruce Edgar, G. C. 2, fw; C. 3, s	Lexington
Hinkle, Haywood Watson, C. 4, fws	Lexington
Hinkle, James Walter, G. C. spec., fws	High Point
Hinkle, Lawrence Earl, A-Sci. 4, fws	Raleigh
Hinnant, Mary Evelyn, A-Sci. spec., f; Grad. ws A.B., 1936, Atlantic Christian Coll.	Micro
Hinnant, Mary Taylor, A-Sci. 3, fws	Beaufort
Hinsdale, Charles Edwin, A-Sci. 3, fws	Hendersonville
Hinton, Charles Lewis, G. C. 2, f	Elizabeth City
Hirsch, Samuel, G. C. 2, fws	Trenton, N. J.
Hirschfeld, Herbert Harvey, C. 3, fws	Passaic, N. J.
Hirshman, George, G. C. 1, fws	New York, N. Y.
Hitchins, Roger Adams II, G. C. 1, fws	Lansdowne, Penna.
Hobbs, Claude Elton, Jr., Law 1, fs	Charlotte
Hobbs, Graham Badger, C. 3, fws	Charlotte
Hobbs, Ralph Jordan, A-Sci. 3, fws	Edenton
Hobbs, Sam Earle, A-Sci. 3, fws	Selma, Ala.
Hobbs, Vance K., G. C. 2, fws	Charlotte
Hobson, Mack, G. C. 1, fws	Dunn
Hodges, Francis Edmond, C. 4, f	Leaksville
Hodges, Horace Hayden, Med. 2, fws S.B., 1937	Chapel Hill
Hodges, Luther Cranston, G. C. 1, fws	Leaksville
Hodges, Ralph Hinton, Jr., G. C. 1, fws	Washington
Hodges, Ruby Neighbors, A-Sci. 4, s	Yanceyville
Hodgins, Irene Anne, A-Sci. 3, fws	South Ozone Park, N. Y.
Hoefer, David Williams, C. 3, fws	Chapel Hill
Hoffman, Boyce Maxwell, C. 4, fws	Asheville
Hoffman, Edward Norman, G. C. 1, fws	Woodmere, N. Y.
Hogan, Milton Earl, C. 3, fws	Chapel Hill
Hogan, Norwood Thomas, A-Sci. spec., s A.B., 1933	Chapel Hill
Hogue, Norman Frederick, G. C. 1, fws	Painted Post, N. Y.
Holbrook, Philip Brown, G. C. 2, fws	Winston-Salem
Holden, Altajane, Ph. 2, fws	Bunnell, Fla.
Holder, Lawrence Jay, G. C. 1, fws	Bronx, N. Y.
Holeman, Benjamin Franklin, G. C. 2, fws	Raleigh
Holeman, Wyatt Brantly, C. 4, fws	Oxford
Holland, Frances Rebecca, A-Sci. 3, fws	Blytheville, Ark.
Holland, Nell Richardson, A-Sci. spec., s	Clayton
Holland, Thomas Marshall, Ph. 1, fws	Mt. Holly
Holland, William Rhoid, Jr., C. 4, fws	Statesville
Holland, William Walter, Jr., G. C. 2, fws	Charles
Holland, Woodrow Wilson, G. C. 1, fws	Greensboro
Hollandersky, Warren Donald, G. C. 1, fws	New London, Conn.
Hollifield, Luther Edwin, Jr., G. C. 1, fws	Hayesville
Hollingsworth, Willard Reville, C. 4, fws	Winston-Salem
Holman, Joseph Wright, Jr., G. C. 2, fws	Lexington
Holmes, Frank Marion, G. C. 2, fws	Edenton

Holmes, Jonathan Ivins, A-Sci. 3, fws	Freehold, N. J.
Holmes, Thomas Hall, Jr., A-Sci. 3, fws	Weldon
Holroyd, Robert Posten, G. C. 2, f	Whiteville
Holsberry, Russell, P. H., f	Parsons, West Va.
Holt, Albert Hamilton, A-Sci. 3, fws	Spencer
Holt, James Wendell, Jr., C. 4, f	Graham
Holt, Julia Sanders, A-Sci. 3, fws	Princeton
Holt, Winfield Clary, Law 3, fs A.B., 1935, Virginia Military Institute	Greensboro
Holton, Frank Petty, Jr., C. 3, fws	Lexington
Holzman, Franklyn Dunn, G. C. 2, fws	Brooklyn, N. Y.
Honaker, Ernest Elmer, A-Sci. 3, fws	Sparta
Honeycutt, George William, Ph. 3, fw	Apex
Hood, Sam Stevens, A-Sci. 3, fws	Raleigh
Hooke, Robert, A-Sci. 4, fw; Grad. s	Greensboro
Hooks, James Astor, G. C. 2, w	Fremont
Hooper, Lawrence Hoskins, G. C. 2, fws	Massena, N. Y.
Hoots, Zeno Daniel, Jr., G. C. 1, fws	Winston-Salem
Horn, William Lester, G. C. 1, fw	Forest City
Hornaday, Russell McPherson, G. C. 1, fws	Snow Camp
Horne, Lyman Melton, Ph. 2, fw; G. C. 2, s	Roseboro
Horsfield, Basil Tourneur, Jr., A-Sci. 3, fws	Pittsburgh, Penna.
Horton, Fred Lane, A-Sci. 3, fws	Marshville
Horton, Joseph Loyd, G. C. 2, ws	Farmville
Horton, Robert Kemp, Ci. E. 4, fws	Zebulon
Horton, Shelby Edmund, Jr., A-Sci. 3, fws	Asheville
Hough, Joe Dillon, G. C. 2, fws	Monroe
House, Robert Burton, Jr., G. C. 1, fws	Chapel Hill
Houston, Kay Replogle, A-Sci. spec., f	Oklahoma City, Okla.
Houston, Noel Harris, A-Sci. spec., fws	Oklahoma City, Okla.
Howard, David Asbury, G. C. 2, fws	Chapel Hill
Howard, Eugene Southerland, Ph. 3, f	Pink Hill
Howard, Frances Parker, A-Sci. 4, fws	Chapel Hill
Howard, James Arthur, G. C. 1, ws	Norfolk, Va.
Howard, Laffitte, A-Sci. 3, fws	Bristol, Tenn.
Howard, Margaret Leon, A-Sci. 4, fws	Chapel Hill
Howard, Richard Wilson, C. 3, fws	Sanford
Howard, Ruth Lane, A-Sci. 4, fws	Chapel Hill
Howard, Walter Robert, G. C. 1, fws	Sanford
Howe, Raymond Reed, Jr., A-Sci. 4, fws	Jordan, N. Y.
Howell, Clarence Fletcher, A-Sci. 3, fws	Whitakers
Howell, James Harden, Jr., Law 2, fs A.B., 1936	Waynesville
Howell, Lillian Pope, C. 3, fws	Enfield
Howell, Logan Douglas, G. C. 2, f; A-Sci. 3, ws	Raleigh
Howell, Rudolph Ashworth, G. C. 2, fws	Smithfield
Howison, Robert Cooke, Jr., Law 2, fs A.B., 1937	Raleigh
Hoyle, John Decator, G. C. 2, fws	Lawndale

Hoyle, Nell Oates, A-Sci. 4, fws	Chapel Hill
Hoyle, William Vinton, G. C. 2, fws	Newport News, Va.
Hubbard, Donald Bruce, G. C. 1, fws	High Point
Hubbard, Edwyn Archibald, G. C. 2, fws	Sanford
Hudson, Henry Edward, G. C. 2, f; A-Sci. 3, ws	Asheville
Hudson, Henry Pitts, Law 3, f A.B., 1937	Salisbury
Hudson, William Palmer, A-Sci. 4, fws	Chapel Hill
Huffman, Edward Cortner, G. C. 2, f; C. 3, ws	Shelbyville, Tenn.
Huffman, Pearl Trogdon, Med. 1, fs A.B., 1937, Meredith Coll.	Morganton
Huger, Alfred, Jr., G. C. 1, ws	Charleston, S. C.
Hughes, Alfred Herman, G. C. 1, fws	Hampton, Va.
Hughes, Jack, A-Sci. 3, fws	Tabor City
Hughes, Lillain Legette, A-Sci. 4, fws	Tabor City
Humphrey, Clen Simmons, Jr., C. 3, fws	Brooklyn, N. Y.
Humphreys, Charles Allen, G. C. 2, fw; C. 3, s	Greenville, S. C.
Humphries, Charles Oliver, G. C. 1, fws	Asheville
Humphries, Thomas Henderson, C. 4, fws	Asheville
Hunt, George Franklin, Jr., C. 4, fws	Wilmington
Hunt, James W., A-Sci. 3, fws	Oxford
Hunter, Bennett Haskin, G. C. 2, fws	Hendersonville
Hunter, Charles Marcus, C. 4, fws	Franklin
Hunter, James Fletcher, G. C. 2, ws	Enfield
Hunter, John Howard, A-Sci. 4, fws	Newell
Hunter, James Scott, A-Sci. 4, fws	Hendersonville
Hunter, Lucy Jane, A-Sci. 3, fws	Cullowhee
Hunter, Mary, A-Sci. spec., ws	Chapel Hill
Hunter, Mary Frances, A-Sci. 3, fws	Raleigh
Hunter, Millard Stanton, C. 4, fw	Greensboro
Huntley, Earl Stuart, G. C. 1, fws	Asheville
Huntley, Haywood Brill, A-Sci. 4, fws	Wadesboro
Hurdle, Earl Anderson, G. C. 1, fws	Elizabeth City
Hurford, William Edward, G. C. 1, f	Sharon, Penna.
Hurst, Charles Raymond, A-Sci. 3, fws	Asheville
Hurwitz, Clement, G. C. 2, fws	Bronx, N. Y.
Hurwitz, Norman, G. C. 2, fws	Carthage
Hussey, Howard Summerell, Jr., A-Sci. 4, fws	Tarboro
Hutchison, Charles Jack, G. C. 1, fws	Walnut Cove
Hutchison, Harry Earle, C. 3, fws	Walnut Cove
Hutt, John Badgley, G. C. 1, fws	Palatka, Fla.
Hutton, Elbert McKinley, Jr., G. C. 1, fws	Hampton, Va.
Hux, George Austin, Law 3, fs A.B., 1936	Hailfax
Hyatt, Carl Battle, G. C. 2, fw	Takoma Park, Md.
Hyatt, Edwin Thomas, A-Sci. 3, fws	Canton
Hyman, Haywood Blount, G. C. 1, fws	Scotland Neck
Idol, Charles William, G. C. 1, fws	High Point
Illengerger, Lois Jean, A-Sci. 3, fws	Middletown, N. Y.

Illman, Ernest Merrick, G. C. 1, fws	Greensboro
Ingold, George Fernando, C. 3, fws	Albemarle
Ingram, Roy Lee, G. C. 1, fws	Selma
Ingram, Thomas Cicero, Jr., C. 4, fws	Norwood
Inman, George Graham, Ph. 1, fws	Fairmont
Innes, William Alexander, C. 3, ws	Rocky Mount
Insley, Thomas Irving, Jr., A-Sci. 3, fws	North East, Md.
Irwin, Dwayne Alton, Ph. 1, fws	Sparta
Irwin, Leo Howard, C. 3, fws	Sparta
Isaacs, Emory Stuart, C. 4, f	Durham
Isenhower, Samuel Holeman, G. C. 2, fws	Conover
Isley, Ralph Thompson, G. C. 1, fws	Mebane
Israel, Charles Edward, G. C. 1, fws	Baltimore, Md.
Ivey, Alfred Guy, A-Sci. 4, ws	Chapel Hill
Ivey, Charles Marshall, Law 3, fs S.B., 1936	Concord
Jackson, Arthur West, P. H., s	Fayetteville
Jackson, Eleanor Pendleton, A-Sci. 3, fws	Charlotte
Jackson, Gilbert Ellis, G. C. 2, fws	Rocky Mount
Jackson, Gibson Joseph, G. C. 1, fws	Savannah, Ga.
Jacobson, David Jay, G. C. 2, fws	Brooklyn, N. Y.
Jaffee, George J., G. C. 2, s	Elizabeth, N. J.
James, Ernest Wilbur, Jr., A-Sci. 4, fws	Clarksburg, West Va.
James, Larry Clifton, G. C. 1, fws	Robersonville
James, Thomas Jackson, C. 3, fws	Sanford
James, William Clark, C. 4, fws	Wilmington
James, William Duer, A-Sci. 4, fws	Hamlet
Jaquett, Hance, G. C. 2, fws	Penns Grove, N. J.
Jeffress, Charles Osborne, A-Sci. 4, f	Greensboro
Jeffress, Edwin Bedford, Jr., C. 4, fws	Greensboro
Jeffress, John Lanier, G. C. 1, fws	Kinston
Jenkins, Clifton Paul, C. 3, fws	Lowell
Jenkins, George Pressly Jr., G. C. 1, fws	Charlotte
Jenkins, Louis Wesley, C. 4, fws	Lowell
Jennings, Harold Frederick, G. C. 1, fws	Mamaroneck, N. Y.
Jennings, Royce Coles, G. C. 2, fws	Mamaroneck, N. Y.
Jenrette, Joseph Malphus, Jr., G. C. 1, fws	Raleigh
Jernigan, Paul Roberts, A-Sci. 3, fws	Raleigh
Jernigan, Roberts Harrell, Jr., Law 1, fs A.B., 1937	Ahoskie
Johnson, Arthur Richardson, Ph. 1, fws	Kerr
Johnson, Dunn McLaurin, C. 3, fws	Morven
Johnson, Ernest Carl, G. C. 1, fws	Worcester, Mass.
Johnson, Frances Bushnell, A-Sci. 4, fws	Springfield, Ohio
Johnson, Francis Wilson, G. C. 2, fws	Rocky Mount
Johnson, Gaither Fred, Ph. 4, fws	Winston-Salem
Johnson, Horace Woodrow, G. C. 2, fws	Greensboro
Johnson, James Lawrence, Jr., G. C. 2, fws	Orchard Park, N. Y.

Johnson, John Griffith, Law 1, fs A.B., 1937	Winston-Salem
Johnson, Margaret Cloyd, Law 1, fs S.B., 1937, Coll. of William and Mary	Pittsburgh, Penna.
Johnson, Paul Hayne, G. C. 1, fws	Monroe
Johnson, Roy Liddell, P. H., f A.B., Univ. of Alabama; M.D., Univ. of Chicago	Atlanta, Ga.
Johnson, Stacy, G. C. 2, fw	Parkersburg
Johnson, Wade Harris, C. 3, fws	Greensboro
Johnson, William Steele, G. C. 2, fws	Montclair, N. J.
Johnston, Fred Eugene, P. H., f	Athens, Ga.
Johnston, Margaret Louise, A-Sci. 4, fws	Chapel Hill
Jonas, Harvey A., G. C. 2, fws	Lincolnton
Jonas, John Franklin, Jr., A-Sci. 4, fws	Marion
Jones, Andrew Jeatus, A-Sci. 4, fws	Varina
Jones, Cyril, G. C. 2, fws	Penns Grove, N. J.
Jones, George Haywood, Ph. 3, fws	Tarboro
Jones, George Spencer, G. C. 2, fws	Greensboro
Jones, George Thaddeus, A-Sci. 4, fw	Raleigh
Jones, Hamilton, G. C. 1, fws	Milwaukee, Wis.
Jones, Harry Moseley, G. C. 1, fws	Winston-Salem
Jones, James Betts, Jr., G. C. 2, ws	Norwalk, Conn.
Jones, James Franklin, G. C. 2, fws	Four Oaks
Jones, Lily Wingo, A-Sci. 3, f	Asheville
Jones, Martha Eveline, L. S., fws A.B., 1937, Univ. of Chattanooga	Chattanooga, Tenn.
Jones, Max Frederick, G. C. 2, ws	Farmville
Jones, May Strawbridge, A-Sci. spec., s	Chapel Hill
Jones, Paul Erastus, Jr., G. C. 1, fws	Farmville
Jones, Roderic Orlando, P. H., s M.D., 1935, Duke Univ.	Lumberton
Jones, William Erwin, G. C. 1, fws	Charlotte
Jones, William Gerald, Jr., G. C. 2, fws	Beulaville
Jones, William Miller, G. C. 2, f	East Hampton, N. Y.
Jordan, Louis Simms, C. 3, fws	Coburg, Ontario
Jordan, Wade Garland, G. C. 2, fws	Smithfield
Jordan, William Marcellus, Jr., G. C. 2, fw; C. 3, s	Mt. Airy
Jordan, William Stone, Jr., A-Sci. 4, fws	Fayetteville
Joslin, John Devereux, G. C. 2, fws	Raleigh
Joslin, William, G. C. 1, fws	Raleigh
Josselson, Albert Joseph, G. C. 1, ws	Ahoskie
Joyce, Clarence, R., C. 3, f	Tarboro
Joyce, James Alexander, A-Sci. 4, fws	Spray
Joyce, Thomas Clifford, A-Sci. 4, fws	Spray
Joyner, Edward, C., Law 2, s A.B., 1937	Henderson
Joyner, Frank Carl, Med. 1, fs A.B., 1937	Farmville
Joyner, Jim McMurray, C. 3, fws	Goldsboro
Joyner, Joseph Dock, G. C. 1, fws	Farmville
Joyner, Richard Audrey, C. 3, fws	Farmville

Judson, David, C. 3, fws	Englewood, N. J.
Julian, Everett Dexter, C. 3, fws	Brockton, Mass.
Julian, Maurice Solomon, A-Sci. 3, fws	Winston-Salem
Julian, Milton, A-Sci. 3, fws	Winston-Salem
Juliber, Edward Browne, C. 4, fws	New York, N. Y.
Jurney, Jack Powell, G. C. 1, fws	Harmony
Jurney, Robert Campbell, Jr., A-Sci. 4, fws	Winston-Salem
Kahn, Howard, G. C. 2, ws	Asheville
Kaiser, Herbert John, G. C. 1, fw	Harrison, N. Y.
Kalkstein, Martin Bernard, G. C. 2, fws	Little Neck, N. Y.
Kalmanoff, Irving, C. 3, fw	Woodmere, N. Y.
Kamins, Henry Morris, G. C. 1, fws	Hartford, Conn.
Kanoy, Sara Frances, C. 4, f	Greensboro
Kantrowitz, Edward Lewis, G. C. 1, fws	Hendersonville
Kantrowitz, Milton Leon, G. C. 1, fws	West Hartford, Conn.
Kaplan, Harvey, A-Sci. 3, fws	Hampstead, N. Y.
Kaplan, William, G. C. 2, fws	Spring Valley, N. Y.
Kapralis, George Clarence, G. C. 1, fws	Danville, Ky.
Karesh, Irwin David, A-Sci. 4, fws	Charleston, S. C.
Karesh, William Marshall, G. C. 2, fws	Gastonia
Karlin, Max Edward, A-Sci. 3, fws	Brooklyn, N. Y.
Karol, Ralph Lawrence, G. C. 2, fws	Brighton, Mass.
Karp, Herbert Victor, A-Sci. 3, fws	New York, N. Y.
Karpeles, Leo Maurice, G. C. 1, fws	Washington, D. C.
Katz, George, A-Sci. 4, fws	Brooklyn, N. Y.
Katz, Irwin Norton, G. C. 1, fws	New York, N. Y.
Katz, Lionel Melvin, G. C. 1, fws	Miami, Fla.
Katzenberg, Alexander Stephens, G. C. 2, fws	Baltimore, Md.
Katzenstein, Paul Herbert, A-Sci. 4, fws	Warren Plains
Kaufman, Edward, G. C. 2, fws	New York, N. Y.
Kaufman, Elliott Alexander, G. C. 1, fws	Brooklyn, N. Y.
Keadle, Robert Franklin, G. C. 2, fws	Mapleville, Md.
Keats, Acton Perry, G. C. 1, fws	Plandome, N. Y.
Keel, James Walter, Law 3, fs A.B., 1936	Rocky Mount
Keel, Page Clark, A-Sci. 4, fw	Rocky Mount
Keeler, Elizabeth Brock, A-Sci. 4, fws	Clarksdale, Miss.
Keister, Helen Deborah, A-Sci. 3, fws	Hyattsville, Md.
Kelley, James Ewing, G. C. 1, f	Winsted, Conn.
Kellum, Isac James, Jr., A-Sci. 3, fws	Marines
Kelly, Dorothy Lee, A-Sci. 4, fws	Hendersonville
Kelly, Hunter Liggett, Ph. 2, fws	Apex
Kemper, Richard, G. C. 1, fws	New York, N. Y.
Kennedy, Philip Thomas, G. C. 2, fw	East Hartford, Conn.
Kerley, David Moorman, A-Sci. 4, fw; Grad. s	Morganton
Kerr, Alice Boykin, A-Sci. spec., fws	Clinton
Kerr, John Seymour, G. C. 1, fws	Cleveland, Ohio
Kessler, Marvin Morton, Ph. 3, fws	Raleigh

Keys, Thomas Bland, G. C. 2, fws	Washington
Kibler, Virginia Swann, A-Sci. 3, fws	Morganton
Kidd, Jack Wells, A-Sci. 3, f	Birmingham, Ala.
Kilpatrick, John Thomas, Jr., A-Sci. 4, fw	Greensboro
Kimball, Clyde Gates, G. C. 1, fws	Winston-Salem
Kimrey, Jonathan Claude, C. 4, fws	High Point
Kimrey, Willis Holt, G. C. 1, fws	Raleigh
Kind, Milton, A-Sci. 3, fws	Jenkintown, Penna.
King, Guilbert H., G. C. 2, fws	Speculator, N. Y.
King, John J., P. H., f	Washington, D. C.
King, Mary Elizabeth, L. S., fws	Chattanooga, Tenn.
King, Nathaniel Ernest, Jr., G. C. 1, fws	Troy
King, Paul Noble, G. C. 1, fws	Greensboro
King, Thomas Richard, G. C. 1, fws	New York, N. Y.
King, William Johnston, C. 3, fws	Wilson
Kinney, Clyde Lancaster, G. C. 1, f	Lexington
Kinney, Elizabeth, A-Sci. 4, s	Denton
Kirby, Allison Joel, P. H., s	Augusta, Ga.
Kirby, Ishmael Worth, G. C. 1, fws	King
Kircher, Harry Bertrum, C. 4, fws	Belleville, Ill.
Kirkpatrick, James Taylor, G. C. 2, fw	Raeford
Kirkpatrick, James Watt, P. H., s A.B., 1929, Erskine Coll.	Charlotte
Kirksey, William Albert, G. C. 1, fws	Fayetteville
Kirschman, Robert Edward, A-Sci. 4, fws	New Haven, Conn.
Kirschner, Emanuel, A-Sci. 3, fws	Brooklyn, N. Y.
Kirven, James Dupont, Jr., C. 3, fw; C. 4, s	Columbus, Ga.
Kiser, Ray Alexander, Ph. 1, fws	Lincolnton
Kiss, Howard Maillard, G. C. 2, fws	Brooklyn, N. Y.
Kitchin, Houston Wyke, A-Sci. 4, fws	Horse Shoe
Kittner, David, C. 3, fws	Weldon
Kittner, Joseph Mordecai, Law 2, fs S.B., 1937	Weldon
Kleeman, Walter Benton, Jr., C. 3, fws	Springfield, Ohio
Klein, Louis Coltenhouse, A-Sci. 3, fws	Seaside Park, N. J.
Klein, Seymour Joseph, G. C. 2, fws	New York, N. Y.
Kline, Charles Robert, A-Sci. 3, fws	Carthage
Klitenick, Norman Daniel, G. C. 2, fws	Far Rockaway, N. Y.
Kluttz, William Clarence, A-Sci. 3, fws	Salisbury
Klutz, James Boyd, G. C. 1, fws	Marion
Klutz, Samuel Erwin, G. C. 2, fw	Chapel Hill
Knickerbocker, Robert Platt, G. C. 2, fws	Owego, N. Y.
Knight, Anne Turner, A-Sci. spec., f	Chapel Hill
Knight, Jennings Eskridge, Ph. 1, f	Weldon
Knight, Julian Holt, A-Sci. 4, s	Greensboro
Knight, William Everette, G. C. 2, fws	Bynum
Koback, Edgar Hubert, G. C. 1, fws	New York, N. Y.

Koch, Frederick Henry, Jr., A-Sci. spec., w; Grad. s A.B., 1933	Chapel Hill
Koch, Robert Alan, G. C. 2, fws	Chapel Hill
Konefal, Anthony Stanley, A-Sci. 4, fw	Passaic, N. J.
Koontz, Douglas Jerald, C. 4, f	Welcome
Kornegay, Grey Bryan, Ph. 3, fws	Mt. Olive
Kornegay, Joseph Thomas, A-Sci. 4, f	Dover
Kornfeld, Allan S., G. C. 1, fws	Brooklyn, N. Y.
Kraft, William Edward, G. C. 1, fws	Wilmington
Kraynick, Jasper Jack, G. C. 2, fw; C. 3, s	Trenton, N. J.
Kreeger, Vivian Reid, A-Sci. 4, fws	Pilot Mountain
Kuklish, Paul Martin, Jr., C. 3, fws	Newark, N. J.
Kyker, Glendon Davis, A-Sci. 3, fws	Sevierville, Tenn.
Lackowitz, Jerome B., G. C. 2, fw	Brooklyn, N. Y.
Lacock, James Glossom, G. C. 2, fws	Chapel Hill
Laddey, Eric James, A-Sci. 3, fws	Montclair, N. J.
Laddy, Richard Victor, A-Sci. 4, fws	Newark, N. J.
Laidlaw, Ethel Grace, A-Sci. 3, fws	Western Springs, Ill.
Lalanne, James Francis, G. C. 1, fws	Lafayette, La.
Lamb, Ben Jackson, Jr., C. 3, fws	Rockwood, Tenn.
Lambert, Janie Marie, A-Sci. 3, fws	Bluefield, West Va.
Lambeth, Walter Moore, Jr., G. C. 1, fws	Charlotte
Lamm, Greyard Byrn, G. C. 2, fws	Maxton
Lamm, Riddick Madison, G. C. 1, fws	Wilson
Lamont, James George, G. C. 2, fws	New York, N. Y.
Lance, Theodore Dwight, A-Sci. 4, fws	St. Petersburg, Fla.
Lane, Julian J., G. C. 2, fws	Wilson
Lane, Melvin Oliver, G. C. 1, f	Yemane, S. C.
Laney, Clive Wayne, C. 3, fws	Hickory
Laney, Ralph Beach, C. 3, fws	Hickory
Langdon, John Newman, G. C. 1, fws	Coats
Langsam, Herbert David, G. C, 2, fws	Far Rockaway, N. Y.
Langston, Carl Eugene, A-Sci. 3, fws	Danville, Va.
Laramore, Herbert Franklyn, P. H., s M.D., 1927, Univ. of Texas	Livingston, Tex.
Large, Hiram Lee, Jr., A-Sci. 3, fws	Rocky Mount
Large, Nelson Darrow, G. C. 1, fws	Rocky Mount
LaRoque, Walter Dunn, A-Sci. 4, f	Kinston
Larsen, John Rendleman, C. 4, fws	Charlotte
Lasker, Harry M., G. C. 1, fws	New York, N. Y.
Laskey, Joel Irwin, A-Sci. 4, fws	Lawrence, N. Y.
Lasser, Kenneth Julian, G. C. 2, fw	New York, N. Y.
Lassiter, Henry Aaron, C. 4, fws	Smithfield
Latham, John Leslie, G. C. 2, fws	Greensboro
Laurens, Henry, Jr., G. C. 2, fws	New Orleans, La.
Laurens, John, G. C. 2, fws	New Orleans, La.
Lawrence, James F., G. C. 2, fws	Candler
Lawrence, Janet, A-Sci. 3, fws	Chapel Hill

Lawson, Ruth Etta, A-Sci. 3, fw	Pinnacle
Layton, James Sexton, A-Sci. 4, fws	Chapel Hill
Leach, Wilbur Cleon, A-Sci. 4, fws	Keansburg, N. J.
Leak, James Alexander, C. 4, f	Wadesboro
Leake, Clarence Elmer, Jr., A-Sci. 4, fs	Greensboro
Leazer, Archie Lewis, G. C. 1, w	Chapel Hill
Ledbetter, Frank Monroe, G. C. 1, fws	Robbinsville
Lederman, Joseph, G. C. 1, fws	New York, N. Y.
Lee, Junius B., Jr., G. C. 1, fws	Four Oaks
Lee, Newton Clayton, G. C. 2, fws	Newton Grove
Lee, Virginia Spearrin, A-Sci. 4, fws	Lockport, N. Y.
Lee, William David, G. C. 2, fws	Dunn
Leeper, William Hugh, C. 3, fws	Hiddenite
LeFevre, Mildred, A-Sci. 4, s	Chevy Chase, Md.
Lefkowitz, Ernest, C. 4, ws	Winston-Salem
LeGrand, Harry Elwood, A-Sci. 4, fws	Mebane
Lehmann, Arno Emil, A-Sci. 3, f	Lanesboro, Mass.
Leifer, Woodrow S. F., G. C. 1, fws	Brooklyn, N. Y.
Lentz, Robert Lee, Jr., C. 4, fws	Morganton
Leonard, Charles Alexander, Jr., P. H., f S.B., 1935, Wake Forest Coll.	Williamston
Leonard, John Richard, G. C. 1, f	Lexington
Leonard, Walter H., Jr., G. C. 2, fws	Winston-Salem
Lerner, Robert Zellden, G. C. 1, fws	New York, N. Y.
Leslie, Robert Hugh, C. 4, ws	Bristol, Tenn.
Lester, Murray Charles, G. C. 2, fw; C. 3, s	New York, N. Y.
Levine, George, A-Sci. 3, ws	Hempstead, N. Y.
Levitt, William Haskell, A-Sci. 4, f; Grad. ws	New York, N. Y.
Lewis, Jesse Albert, C. 4, fws	Laurinburg
Lewis, John Henry, G. C. 1, fws	Statesville
Lewis, Leinster M., Ph. 3, f	Morehead City
Lewis, Thomas Watson, P. H., s A.B., 1937, West Virginia Univ.	Kingwood, West Va.
Lewis, Wellington Harrill, G. C. 1, fws	Fallston
Lewis, Wilson Knowles, Ph. 2, fws	Mt. Olive
Lieberman, David Martin, A-Sci. 3, fws	Brooklyn, N. Y.
Lindsay, Alvin Emmett, G. C. 1, fws	Lafayette, La.
Lindsay, Archie, G. C. 1, fws	Arlington, N. J.
Lindsay, John Alexander, Jr., C. 4, fws	High Point
Lindsay, Robert Boyd, Med. 2, fws S.B., 1936, Davidson Coll.	Winston-Salem
Lineweaver, Ernest Reid, Jr., C. 4, f	Harrisonburg, Va.
Link, Arthur Stanley, G. C. 1, fws	Mt. Pleasant
Link, Philip Francis, Ph. 4, fws	Reidsville
Linker, Raymond Otho, G. C. 1, fws	Charlotte
Linn, Tom Latan, Ph. 4, fws	Landis
Linton, Donald MacRae, G. C. 1, ws	Nashville, Tenn.
Linton, Mary Adelaide, A-Sci. 3, fws	Hopkinsville, Ky.
Linville, Roger Wilson, A-Sci. 4, fws	Kernersville

Lipscomb, Marguerite, A-Sci. 4, fws	Washington, D. C.
Lipsky, Edmund Sanford, G. C. 2, fws	Jackson Heights, N. Y.
Lipsky, George, G. C. 2, f	Philadelphia, Penna.
Lipton, Morris Wilton, C. 4, fws	Wilmington
Liskin, Harold, G. C. 2, fw	New Rochelle, N. Y.
Little, Charles Smith, G. C. 2, fws	Southside
Little, Chester Crowell, A-Sci. 4, fws	Asheville
Little, James William, A-Sci. 3, fws	Tryon
Little, Robert Dale, G. C. 2, fw	Tryon
Little, William Hartwell, G. C. 1, fws	Asheville
Litzelman, Karl Burns, Jr., G. C. 1, fws	Westfield, N. J.
Lloyd, Allen Alexander, Ph. 1, fws A.B., 1937, Elon Coll.	Hillsboro
Lloyd, John Bunyan, G. C. 2, fws	Chapel Hill
Lloyd, Margaret Thomas, Ph. 1, fws	Chapel Hill
Lobred, Leonard Kohlman, G. C. 1, fws	Washington, D. C.
Loftin, Leonard Warren, G. C. 2, f	Kinston
Long, Caroline Clements, A-Sci. spec., s	Statesville
Long, Jennings Jackson, G. C. 2, fws	Graham
Long, John Broaddus, A-Sci. 4, fws	Fayetteville
Long, Locke Cowan, A-Sci. 3, fws	Statesville
Long, Margaret Ridley, A-Sci. 4, fws	Roanoke Rapids
Long, Mary Lacksley, A-Sci. 3, fws	Rutherfordton
Long, Mary Winston, A-Sci. 3, fws	Jacksonville, Fla.
Long, Thomas Sparrow, Med. 2, fws S.B., 1937	Washington
Long, Thomas W. M., Jr., G. C. 2, fws	Roanoke Rapids
Long, William Bowen, G. C. 1, fws	Rutherfordton
Long, William Lunsford, Jr., A-Sci. 3, fws	Raleigh
Loomis, Charles Manly, A-Sci. 3, fws	Greenville, S. C.
Lorch, Henry Harold, C. 3, fws	Albemarle
Lorek, Leo Andrew, Ph. 2, fws	Castle Hayne
Loukas, Neophytos George, G. C. 1, f	Famagusta, Cyprus Island
Louthian, Margaret Finley, A-Sci. 3, fws	Charlotte
Love, Bedford Emory, A-Sci. 4, fws	Roxboro
Lovill, Robert Jones, Jr., A-Sci. 3, s	Mt. Airy
Lovin, Archibald King, G. C. 1, fws	Shannon
Lowe, Arthur Clyde, G. C. 1, fws	North Wilkesboro
Lowe, William Cabell, G. C. 2, fws	Lexington
Lowenthal, Franklyn Laurence, G. C. 2, fws	Yonkers, N. Y.
Lowery, Raymond Benjamin, G. C. 2, fws	Patterson Springs
Lowrence, J. A., Jr., G. C. 1, fws	Statesville
Lowry, Elmer Francis, Jr., G. C. 2, fws	Raleigh
Lubin, Robert Irving, G. C. 1, fws	Brooklyn, N. Y.
Lucas, Philip Edward, A-Sci. 3, fws	Burgaw
Lumpkin, Susan, A-Sci. 3, fws	Audubon, N. J.
Lutz, Horace Cleveland, Jr., G. C. 2, fws	Hickory
Lyerly, Walker, Jr., G. C. 2, fws	Hickory
Lynch, Charles Edward, C. 3, fws	Ocean City, Md.

Lynch, George Bryce, P. H., f	Brevard
Lynch, John Franklin, Jr., G. C. 2, fws	Erwin
Lynch, William Francis, Ph. 4, fws	Hillsboro
Lyon, Nancy Reid, A-Sci. 3, fws	Smithfield
Lyon, William Pope, Law 1, fs	Smithfield
Mabe, Coy E., A-Sci. spec., w	Prospect Hill
Mace, Francis Borden, G. C. 1, fws	Beaufort
Mack, Philip, G. C. 1, fws	Mooresville
Mack, Washington Lee, G. C. 2, fw	Cordova, S. C.
Mackie, Wiley Theodore, G. C. 1, fws	Gastonia
MacMichael, Daniel John, G. C. 1, fws	Upper Darby, Penna.
MacMillan, Daniel Gaston, Law 3, f A.B., 1934, Yale Univ.	Black Mountain
MacNider, George Mallett, C. 3, fws	Athens, Ga.
Macon, Gideon Hunt, Jr., A-Sci. 3, fws	Warrenton
MacRae, Lillian, A-Sci. spec., w A.B., 1930	Morganton
MacRae, Neill, G. C. 1, f	Raleigh
Mager, Joseph, G. C. 2, fws	New York, N. Y.
Magill, Robert Nathaniel, A-Sci. 4, fws	White Plains, N. Y.
Magner, Robert Burland, G. C. 1, fws	Mount Vernon, N. Y.
Magoffin, John Willard, G. C. 2, fws	Buffalo, N. Y.
Mahon, Paul S., G. C. 1, fws	Ottumwa, Iowa
Malkin, Moses Montefiore, G. C. 1, fws	Brookline, Mass.
Mallard, John Franklin, C. 4, ws	Trenton
Mallison, William Charles, Ch. E. 4, fws	Washington
Mallory, James Baugh, G. C. 1, fws	Lawrenceville, Va.
Malone, David Henry, G. C. 2, fws	Washington, D. C.
Malone, Earl Gordon, G. C. 1, fws	Burlington
Malone, Elizabeth Morrison, A-Sci. 3, fws	Clarksdale, Miss.
Maner, Edwin Napoleon, Jr., G. C. 1, fws	Savannah, Ga.
Mangum, Adolphus M., C. 4, fws	Tampa, Fla.
Mann, James Gordon, G. C. 1, fw	Holly Springs
Manning, Willard Graham, G. C. 1, fws	Bethel
March, Harry Andrew, G. C. 2, fws	Washington, D. C.
Marion, Phillip Earl, Ph. 1, f	Ararat
Markham, Felix Donaldson, C. 3, fws	Durham
Markham, John Calvin, Jr., C. 4, fws	Durham
Maronic, Steve Jesse, G. C. 2, f; A-Sci. 3, ws	Steelton, Penna.
Marsh, Edward Marcus, Jr., C. 3, fws	Marshville
Marshburn, Robert Howard, Jr., G. C. 1, fws	Elizabethtown
Martin, Broadus Wellington, G. C. 2, fws	Lumberton
Martin, Fernander Curtis, G. C. 2, fws	Bethel
Martin, Geoffrey Mathews, A-Sci. 4, fws	New York, N. Y.
Martin, Herbert Durrett, P. H., s	Morgantown, West Va.
Martin, James Drew III, A-Sci. 4, fws	Mt. Airy
Martin, John Sargent, C. 4, f	Mt. Airy
Martin, Mary Katherine, L. S., fws A.B., 1937, Meredith Coll.	Raleigh

Marymont, Joseph Louis, G. C. 1, fws	Spring Valley, N. Y.
Mason, Yates Webb, Law 1f, ; A-Sci. 4, ws	Gastonia
Massengill, Milton Edwin, C. 4, fws	Angier
Massey, Sarah Culbreth, A-Sci. 3, fws	Cary
Massimino, Frank, S., A-Sci. spec., fw	Hendersonville
Masten, James Lewis, G. C. 1, fws	Winston-Salem
Masten, Lawrence Edward, A-Sci. 4, fws	Winston-Salem
Masten, Richard Hezekiah, C. 3, fws	Winston-Salem
Mathes, Albert Henry, G. C. 2, fws	East Orange, N. Y.
Mathews, Lawson Groves, G. C. 1, f	Magnolia
Matkins, Coy Franklin, C. 4, fws	Elon College
Matte, John Joseph, G. C. 2, fws	Luzerne, Penna.
Matthews, John Lindsey, A-Sci. 4, fws	Rocky Mount
Matthews, Mary Theresa, A-Sci. 4, fws	Winston-Salem
Mauter, William Joseph, C. 4, fws	Statesville
May, William Strtaford, C. 3, fws	Haw River
Mayberry, Charles Jason, A-Sci. 3, fws	Spruce Pine
Mayes, Eleanor, L. S., fws A.B., 1937, Duke Univ.	Durham
Maynard, Albert, C. 3, fws	Atlanta, Ga.
Maynard, Eugene Vicent, G. C. 2, fws	Kinston
Maynard, William Linville, G. C. 1, fws	Chapel Hill
Mayo, John Alfred, Jr., G. C. 2, fws	Alliance
Mazur, Stephen Henry, A-Sci. 4, fws	Irvington, N. J.
McAden, James Thomas, G. C. 1, fws	Charlotte
McAnally, Albert Key, Med. 2, fws A.B., 1936	High Point
McBride, Walter Liddell, C. 4, fs	Charlotte
McCachren, William Henry, A-Sci. 3, fws	Charlotte
McCaig, Arthur Walker, G. C. 2, fw; C. 3, s	Wilmington
McCain, French Howell, A-Sci. 3, fws	West Asheville
McCall, Samuel Eugene, G. C. 1, f	Concord
McCallum, James William, G. C. 2, fws	Lumberton
McCanless, Rosamond, L. S., ws A.B., 1927, Converse Coll.; A.M., 1935	Asheville
McCarn, Lester W., A-Sci. 4, fws	Kannapolis
McCarthy, Charles Jerome, G. C. 1, fws	Brooklyn, N. Y.
McClure, Charles James Richard, G. C. 1, f	Baltimore, Md.
McColl, Duncan Donald, G. C. 2, fws	Bennettsville, S. C.
McColl, William Charles, Jr., A-Sci. 3, f	Linden
McConaughy, Pierce Rogers, G. C. 2, fw	Middletown, Conn.
McCord, John Henry, C. 3, fws	Atlanta, Ga.
McCormick, John Maglenn, G. C. 1, fws	Sanford
McCown, Frank Albert, P. H., s	Anderson, S. C.
McCoy, Donald Whitfield, G. C. 1, fws	Laurinburg
McCraw, Charles Byron, G. C. 1, fws	Troy
McCulloch, Norman Bruce, G. C. 2, fws	Elizabethtown
McCurdy, Irma Frances, A-Sci. 4, f	Salisbury
McCutcheon, Gilbert Stanley, A-Sci. 3, fws	Petersburg, Va.

McDaniel, William Tecumseh, G. C. 1, fws	Rutherfordton
McDevitt, John Bourke, A-Sci. 4, fws	Charlotte
McDonald, Frank Hill, A-Sci. 4, fws	Hoffman
McDuffie, George, G. C. 2, fws	Flat Rock
McFadyen, William Monroe, A-Sci. 4, fws	Raeford
McFalls, Charles Daniel, Ph. 2, fw	Newton
McFalls, Samuel Woodrow, Ph. 3, fws	Newton
McGalliard, Ethel. Agnes, A-Sci. 4, fws	Chapel Hill
McGaughey, Carroll Bradford, Jr., G. C. 1, fws	Atlanta, Ga.
McGee, James Edward, G. C. 1, fws	Roanoke Rapids
McGinnis, Mary Robinson, A-Sci. spec., f	Chapel Hill
McGinty, John Paul, G. C, 2, ws	Lincolnton
McGirt, Margaret Gainey, A-Sci. 4, fs	Chapel Hill
McGoogan, Edward Graham, G. C. 1, fws	Morven
McGowan, William Tillman, Jr., Law 1, fs	Timmonsville, S. C.
McIlhenny, Douglas Westfeldt, G. C. 1, fws	New Orleans, La.
McIlvain, William Earl, P. H., f M.D., 1935, Univ. of Louisville	Glen Easton, West Va.
McInnes, Robert Craig, C. 4, fws	Raleigh
McIntire, Nell, A-Sci. 3, fws	Savannah, Ga.
McIntosh, Archie Nock, G. C. 1, fws	Old Fort
McIntosh, Charles Eugene, Jr., A-Sci. 3, f; C. 3, ws	Chapel Hill
McIntosh, Thomas Jonathan, G. C. 2, fws	Chapel Hill
McIver, Vance Craymore, G. C. 2, fws	Sanford
McKee, Mary Ochse, A-Sci. 4, fws	Chapel Hill
McKeithan, Wesley Lawrence, E. E. 4, fws	Fayetteville
McKeithen, Frances Janet, A-Sci. spec., w	Carthage
McKendry, George Francis, Law 2, fs A.B., 1937	New Canaan, Conn.
McKenzie, Morrison Malloy, G. C. 2, fw	Maxton
McKinney, Charles Asbury, G. C. 2, fws	Charlotte
McKinney, Thomas Haines, Jr., G. C. 1, f	Charlotte
McKay, Adair Morey, C. 4, fws	Wilmington
McLain, Rachael Banks, A-Sci. 3, fws	Charlotte
McLaurin, Hugh Lauchlin, A-Sci. 3, ws	Hemp
McLean, James Kenneth, G. C. 2, fw; C. 3, s	Maxton
McLean, James Wilton, A-Sci . 3, fws	Godwin
McLean, William DeRoy, Jr., C. 4, fws	Asheville
McLemore, David A., Ph. 1, fws	Parkersburg
McLemore, Robert Alderman, G. C. 2, fws	Smithfield
McLeod, John Blount, A-Sci. 4, fws	Lumberton
McManeus, Robert Taylor, C. 3, ws	Charlotte
McMichael, Dalton Larkin, C. 4, fw; Grad. s	Wentworth
McMillan, Hamilton, G. C. 2, fw; C. 3, s	Red Springs
McMullan, Harry, Jr., Law 2, fs	Washington
McNatt, Charles, A-Sci. 4, f	Salemburg
McNaughton, Malcolm Donald, Jr., G. C. 1, fws	Hendersonville
McNeil, Ruth, A-Sci. spec., f	Vass
McNeill, John Albert, Ph. 2, fws	Whiteville

McPhail, Rupert Aubrey, G. C. 1, fw	Laurinburg
McPherson, Samuel Dace, Jr., G. C. 2, fws	Durham
McQuade, Thomas Albert, G. C. 2, fws	Morristown, N. J.
McRackan, Ada, A-Sci. spec., w; Grad. s A.B., 1932, Flora Macdonald	Fayetteville
McRae, Cameron, Jr., G. C. 1, fws	Concord
McRae, John Albert, Jr., Law 1, fs	Charlotte
McTyre, Harry Edward, P. H., f M.D., 1934, Univ. of Georgia	Savannah, Ga.
McWhirter, Thomas Frederick, G. C. 1, fws	Charlotte
Means, George Philip, G. C. 1, fws	Trenton, N. J.
Means, Paul Barringer, Jr., A-Sci. 3, fws	Trenton, N. J.
Means, Victor Albert, G. C. 2, fws	Concord
Meares, Emerson Wilton, A-Sci. 3, fws	Cerro Gordo
Mease, Inez Kathleena, A-Sci. 4, fws	Hayesville
Mebane, John Gilmer, Med. 2, fws A.B., 1936	Chapel Hill
Meder, Thomas Richard, A-Sci. 3, fws	Hollis, N. Y.
Meek, Jerolyn, A-Sci. spec., fws	Camden, Ark.
Megson, Edward Heywood, G. C. 2, fws	Glastonbury, Conn.
Melchor, Charles Floyd, G. C. 2, fws	Mooresville
Melchor, Lawson Earnhardt, A-Sci. 4, fws	Concord
Mele, Edward Victor, G. C. 1, f	Brooklyn, N. Y.
Melvin, Lee Frankel, C. 4, fws	Wilmington, Del.
Mengel, Ruth Eleanor, A-Sci. 4, f	Chapel Hill
Menius, John White, Jr., G. C. 1, fws	Monroe
Menius, Robert Ward, G. C. 1, fws	Monroe
Meroney, William Hyde, G. C. 2, f	Greensboro
Merrick, Anson Angus, G. C. 1, fws	Tryon
Merrill, Allen Hunter, A-Sci. 3, fws	Dothan, Ala.
Merrill, Byrd Farmer, G. C. 1, fws	Dothan, Ala.
Merritt, Francis Neville, G. C. 2, fws	Jacksonville, Fla.
Merritt, John Hamlett, Jr., A-Sci. 4, fws	Woodsdale
Merritt, John Wesley, Law 2, fs	Roxboro
Merrow, Wolcott Woodbridge, G. C. 1, fws	Newark, N. J.
Meserole, Arch, G. C. 2, fws	New York, N. Y.
Meserole, Walter Briggs, G. C. 2, fws	New York, N. Y.
Messick, Henry Shadrock, A-Sci. 4, fws	Charlotte
Messina, Santo, G. C. 1, fws	New York, N. Y.
Metcalf, Lawrence Edward, A-Sci. spec., fws A.B., 1937	Asheville
Mewborn, George Lemuel, Jr., C. 3, fws	Snow Hill
Meyer, Frederick Eugene, A-Sci. 4, fws	Metuchen, N. J.
Meyer, Herbert Saul, G. C. 2, fws	Bronx, N. Y.
Meyerowitz, Irving, G. C. 2, fws	Belhaven
Meyers, Frederic, A-Sci. 4, fws	Richmond, Va.
Meyland, August Leger, Jr., A-Sci. 3, f	Wilmington
Michael, John Gillespie, G. C. 2, fws	Asheville
Michaux, William Whitehead, A-Sci. 4, fws	Wilson
Mickle, George Little, P. H., s	Camden, S. C.

Middleton, William Newton, G. C. 1, fws	Jacksonville, Fla.
Miles, Perry Watson, A-Sci. 3, fws	Danville, Va.
Milhous, Holman Cannon, A-Sci. 4, fws	Fayetteville
Millaway, George Masten, G. C. 1, fws	Winston-Salem
Miller, Edgar Ralph, A-Sci. 4, fws	Cambridge, Mass.
Miller, Frank Thomas, Jr., Law 1, fs S.B., 1937	Greensboro
Miller, Herbert Mark, G. C. 1, fws	East Brady, Penna.
Miller, Irving John, Jr., G. C. 1, fws	Winston-Salem
Miller, Jerry, G. C. 2, f	Kinston
Miller, John Arthur, G. C. 2, f	Cortland, N. Y.
Miller, Leonard Wallace, A-Sci. 4, fs	Brooklyn, N. Y.
Miller, William Eugene, G. C. 2, fw; C. 3, s	Winston-Salem
Miller, William Milton, G. C. 2, fws	Chapel Hill
Millican, Francis Champion, G. C. 1, fws	Palatka, Fla.
Millis, Henry Albion, Jr., G. C. 1, fws	High Point
Mills, Hugh Harrison, Med. 2, fws A.B., 1935	Bridgewater
Milner, Robert Stanley, G. C. 2, fws	Cary
Mims, Hubert Edwin, G. C. 2, fw	Holly Springs
Minges, Herman Setzer, G. C. 1, fws	Rocky Mount
Minton, Solon Scott, Ph. 3, f	Warsaw
Mirabito, John Armando, G. C. 2, fws	Hyde Park, Mass.
Mitchell, Alexander Charles, G. C. 1, fws	New York, N. Y.
Mitchell, Courtney, Jr., G. C. 2, fws	Kinston
Mitchell, David Henry, G. C. 1, fws	New Bedford, Mass.
Mitchell, Edward Joyce, G. C. 2, fw	Greensboro
Mitchell, Lewis Felton, Ph. 1, ws	Greensboro
Mitchell, Richard Morton, C. 4, fws	Greensboro
Mitchell, William Sunday, C. 4, fw; Grad. s	Aulander
Mittelman, Seymour, G. C, 2, fws	Bronx, N. Y.
Montgomery, Elizabeth Amis, A-Sci. 3, fws	Baskerville, Va.
Montgomery, Margaret Elizabeth, L. S., fw A.B., 1929, Duke Univ.	Durham
Montsinger, Vincent Melanchthan, Jr., C. 3, fws	Pittsfield, Mass.
Moody, Dwight Evans, G. C. 1, fws	Henrico
Moore, Charles Edward, G. C. 2, f	Asheboro
Moore, Charles Lee, G. C. 2, fws	Mooresville
Moore, David Moss, G. C. 2, fw	Mount Olive
Moore, Edward Townsend, G. C. 2, fws	Ardmore, Penna.
Moore, George Albert, C. 4, s	Wheeling, West Va.
Moore, Harry Watson, C. 3, fws	Raleigh
Moore, John Augustus, Jr., A-Sci. 3, fws	Edenton
Moore, John Robert, G. C. 1, fws	Reidsville
Moore, John William, Jr., G. C. 1, ws	Dillon, S. C.
Moore, Katherine Kreider, A-Sci. 4, fws	Oxford
Moore, Maggie Lou, Ph. 4, fws	Rocky Mount
Moore, Oren, Jr., Med. 1, f; A-Sci. spec., ws S.B., 1937, Davidson Coll.	Charlotte
Moore, William Malcolm, A-Sci. 3, fws	New York, N. Y.

Morefield, William Kermit, G. C. 1, fws	Statesville
Morgan, James Virgil, G. C. 2, fws	High Point
Morgan, John Edwin, G. C. 1, fws	Canton
Morgan, John Wiley, G. C. 1, fws	Roxboro
Morgan, Mary Virginia Neal, A-Sci. spec., fws	Bessemer, Ala.
Morgan, Ralph Siler, Med. 1, fs	Penland
Morgan, Robert W., G. C. 1, fws	Georgetown, S. C.
Morgan, Thomas Alfred, Jr., A-Sci. 3, s	New York, N. Y.
Morgan, Thomas Bernard, G. C. 2, f	Georgetown, S. C.
Morgan, Thomas Gracey, C. 3, fws	Canton
Morris, John Daniel, Jr., C. 3, fws	Battleboro
Morris, Joseph Alvin, G. C. 1, f	Wendell
Morris, Parker William, A-Sci. 4, f	New Bern
Morris, Richard Egerton, G. C. 1, fws	Hendersonville
Morris, William Britton, G. C. 1, fws	Aulander
Morris, William Reynolds, C. 4, fws	Asheville
Morrison, David James, G. C. 1, fws	Plainfield, N. J.
Morrison, Harriette Elizabeth, A-Sci. 4, fws	Chapel Hill
Morrow, P. D., Jr., G. C. 2, fws	Forest City
Morrow, Thomas Lacy, G. C. 1, fws	Mebane
Morton, Samuel Edgar, A-Sci. 4, fws	Charlotte
Moseley, Eugene Emory, G. C. 1, f	White Plains, Va.
Moser, Thaddeus Tuttle, G. C. 1, fws	Asheboro
Moses, Forney Harris, E. E. 4, fws	Pittsboro
Moskowitz, Seymour, A-Sci. 4, fws	Wilmington
Moss, William Cobb, C. 4, ws	Wilson
Motsinger, Madison Eugene, Jr., A-Sci. 4, fws	Winston-Salem
Mueller, Edward Robert, G. C. 2, fws	Charlotte
Mulene, Patrick Regia, A-Sci. 4, fws	Hewlett, N. Y.
Muller, Donald Frederick, G. C. 2, s	Boonton, N. J.
Mullis, Clyde Edward, A-Sci. 4, fws	Charlotte
Mullis, James Ralph, G. C. 1, fws	Harmony
Munch, Margaret Esther, A-Sci. 4, fws	Chapel Hill
Muncie, Douglas Jennings, G. C. 2, f	Brooklyn, N. Y.
Mundy, Andrew Jackson, Jr., P. H., f S.B., 1934, Georgia School of Technology	Atlanta, Ga.
Murchison, David Reid, Jr., G. C. 2, fws	Wilmington
Murchison, Powell, G. C. 2, fws	Provincetown, Mass.
Murchison, Roderick Goldston, Jr., C. 3, f; A-Sci. 3, ws	Rocky Mount
Murnick, Joseph Harold, A-Sci. 4, fws	Charlotte
Murphy, Booker I., G. C. 1, fws	Spray
Murphy, George Edward, P. H., s S.B., North Carolina State Coll.	Raleigh
Murphy, Thomas Lynch, G. C. 2, fws	Salisbury
Murray, Durwood Johnson, A-Sci. 3, f	Kenansville
Murray, Edward Emerson, G. C. 1, fws	Baltimore, Md.
Murray, William Gray, G. C. 1, fws	Greensboro
Murrell, James Holcombe, Jr., G. C. 2, fws	Henderson

Myers, Finley Bradshaw, Jr., G. C. 2, fws	Woodside, N. Y.
Myers, Richard Thomas, A-Sci. 3, fws	Winston-Salem
Myers, Thomas Engelhard, A-Sci. 4, fws	Charleston, S. C.
Myers, Thomas Jerome, A-Sci. 3, fws	Charlotte
Nachtmann, Daniel, A-Sci. spec., fws	Webster Groves, Mo.
Nachtmann, Robert, A-Sci. 4, fws	Webster Groves, Mo.
Nance, Elmer Paul, C. 3, fws	Lexington
Nance, Evander Theodore, G. C. 2, fws	Raleigh
Nanney, David Powell, C. 3, f	Rutherfordton
Nash, Anne Mariah, A-Sci. 3, fws	St. Pauls
Nash, James Mallory, G. C. 2, fws	Warrenton, Va.
Nash, Thomas Palmer III, G. C. 1, fws	Memphis, Tenn.
Neely, Frank Wilson, A-Sci. 4, fws	Hendersonville
Neely, Joe Bickett, Ph. 1, f; G. C. 1, ws	Hendersonville
Neill, Don Holmes, G. C. 1, fws	Cynwyd, Penna.
Nelson, Virgil Gay, G. C. 1, fws	Oriental
Nesbit, Nancy Constantine, A-Sci. 4, fws	Thomasville
Nesbitt, Isaac Floyd, G. C. 1, fws	Edneyville
Nethercutt, George Earl, C. 3, fws	Roanoke Rapids
Neuman, Robert Ballin, G. C. 1, fws	Washington, D. C.
Neville, William Strowd, C. 3, f	Chapel Hill
Newby, William Guy, Jr., C. 3, fws	Hertford
Newton, William Sims, G. C. 2, fws	Durham
Nicholson, George Edward, Jr., G. C. 2, fws	Montclair, N. J.
Nicholson, Henry Gilliam, G. C. 2, fws	Tarboro
Nicholson, Marie Agnes, A-Sci. 3, fws	Clarksville, Tenn.
Nickson, Joseph Richard, A-Sci. 3, fws	Roswell, New Mexico
Nigrelli, Henry Ross, A-Sci. 3, fws	Groton, Conn.
Nipe, Charles Roland, G. C. 1, fws	Frankfort
Nisbet, Alexander Preston, C. 3, fws	Wilmington
Nisbet, John Malcolm, G. C. 2, fws	Wilmington
Niven, Edwin Harold, C. 3, fws	Monroe
Nixon, Joseph Robert, Jr., A-Sci. 3, fws	Lincolnton
Noble, Baxter Gardner, G. C. 1, fws	Kinston
Norcross, Elizabeth Wells, A-Sci. 3, fws	Smithfield
Nordan, Thomas Bernard, G. C. 2, fws	Smithfield
Norfleet, Leon Willingham, C. 3, fs	Winston-Salem
Norfleet, Thomas Figures, Jr., A-Sci. 4, fws	Roxobel
Norman, Robert Boyd, G. C. 1, ws	Enfield
Norman, Winford Walter, G. C. 2, fws	Ararat
Norvell, Edwin Overman, G. C. 1, fws	Salisbury
Norwood, Joseph Roby, G. C. 2, fws	Salisbury
Novak, Joseph Peter, G. C. 1, fws	Tarentum, Penna.
Novich, Max Mordecai, Med. 1, fs A.B., 1937	Newark, N. J.
Oakley, Calvin Sneid, Ph. 1, fws	Mebane
Oates, Charles Clisby, Jr., Ph. 4, fws	Hendersonville
Ochsman, Victor, G. C. 2, fws	Durham

O'Connor, John Gerard, G. C. 1, fw	Tottenville, N. Y.
Oettinger, Elmer Rosenthal, Jr., Law 2, fs A.B., 1934	Wilson
Off, Walter Francis, G. C. 2, fws	Wynnewood, Penna.
Ogburn, Henly Moir, G. C. 1, fws	Clemmons
Ogburn, Hugh D., A-Sci. 3, fws	Apex
Ogburn, William Hubert, G. C. 2, fws	Sanford
Oglesby, Carroll Dean, G. C. 2, fws	Farmville
Oglesby, David Ervin, C. 4, fs	Farmville
O'Herron, Edward Michael, Jr., A-Sci. 4, fws	Charlotte
Olive, Lindsay Shepherd, A-Sci. 4, fws	Raleigh
Oliver, Adlai Stevenson, Jr., Med. 2, fws S.B., 1936, North Carolina State Coll.	Raleigh
Oliver, David, C. 4, fw	Wilmington
Oliver, John Burrell, A-Sci. 3, fws	Greensboro
Olson, Richard W., G. C. 2, fws	Everett, Mass.
Ord, Robert Laird, Jr., G. C. 2, fws	Medford, N. J.
Osborn, Letty Shepard, A-Sci. 3, fs	Oxford
Osborne, Robert Victor, G. C. 1, fws	Albemarle
Osgood, Emory Montgomery, G. C. 2, f	Jamestown, N. Y.
Oulahan, Richard, Jr., G. C. 1, fw	Black Mountain
Outlaw, Edward Groves, E. E. 4, fws	Goldsboro
Owen, Jenness Russell, G. C. 2, fws	Fountain
Oxley, Fred Wilton, C. 4, fws	Clinton, S. C.
Pace, Clifford Edney, A-Sci. 3, fws	Hendersonville
Padgett, Harold Dement, Jr., G. C. 1, fws	Washington, D. C.
Page, Clarence Eugene, Jr., Ph. 4, fws	Henderson
Page, Elizabeth Moring, L. S., fws A.B., 1937	Raleigh
Page, Owen Hendricks, Law 2, fs A.B., 1937	Rocky Mount
Page, Sallie Antoinette, A-Sci. 4, fws	Chapel Hill
Palamar, Eugene Joseph, A-Sci. 3, f	Westbury, N. Y.
Palanske, Walter, G. C. 1, fws	Lattimer Mines, Penna.
Palmer, Edward John, C. 4, fws	Rushland, Penna.
Palmer, Horace, C. 3, fws	Littleton
Palmer, Janet, C. 4, fws	Hookerton
Pancoast, John Wily, C. 3, fws	Bluemont, Va.
Papy, Hugh Roberts, G. C. 2, f	Savannah, Ga.
Pardue, Turner Eugene, A-Sci. 3, fws	Roaring River
Parham, John Marshall, A-Spec., s	Winston-Salem
Parham, Thomas Clement, G. C. 2, fws	Oxford
Paris, George Evangelos, G. C. 1, fws	Lumberton
Parker, Charlotte Evelyn, Med. 2, fws A.B., 1936, Duke Univ.	Asheville
Parker, David Henry, C. 3, fws	Benson
Parker, Ezra Alphonso, Law 2, fs A.B., 1937	Benson
Parker, James Moore, C. 3, f	Raleigh
Parker, James Phillips, G. C. 2, fws	Asheville

Parker, John Randolph, A-Sci. 4, fw	New Bern
Parker, John Webster, G. C. 2, fws	Wilmington
Parker, Lester Leonidas, Jr., A-Sci. 3, fw	Marshville
Parker, Max Franklin, A-Sci. 4, fws	Monroe
Parker, Minnie Ferol, Ph. 2, fs	Chapel Hill
Parker, Romulus Bragg, G. C. 2, fws	Enfield
Parker, Roy Turnage, G. C. 1, fws	Pinetops
Parker, Samuel Lester, Jr., A-Sci. 4, fws	Pinetops
Parker, Seth Thomas, G. C. 1, fws	Garysburg
Parker, Stewart Redfield, A-Sci. 4, fw	Washington, D. C.
Parker, Wylie Fort, Law 2, fs	Goldsboro
Parks, Joseph Caldwell, G. C. 1, fw	Hallison
Parks, Lloyd Elwin, A-Sci. 4, fws	Lexington
Parrish, Charles Irving, A-Sci. 3, fws	Chapel Hill
Parrish, Frederick Mortimer, Jr., A-Sci. 4, fws	Winston-Salem
Parrott, George Fountain, G. C. 2, fws	Kinston
Parrott, William Thomas, A-Sci. 3, fws	Kinston
Parsons, Ruth Mitchell, A-Sci. 3, fws	Yonkers, N. Y.
Patrick, George Branch, Jr., A-Sci. 4, fws	Durham
Patrick, Lytle Neale, A-Sci. 3, fws	Gastonia
Patrick, Ralph Clinton, Jr., G. C. 1, fws	Gastonia
Patten, Brooks, A-Sci. 3, fws	Mount Olive
Patterson, Annie Donnell, A-Sci. 3, fw	Hillsboro
Patterson, Earl Victor, Jr., G. C. 2, fws	Burlington
Patterson, Frank Neville, A-Sci. 3, fws	Albemarle
Patterson, Howard Carlton, G. C. 1, fws	Burlington
Patterson, James William, G. C. 1, fws	Newton
Patterson, Joseph Flanner, Jr., A-Sci. 4, fws	New Bern
Patterson, Nicky Demus, Jr., G. C. 2, fws	Elm City
Pavlakis, John, C. 4, fws	Chapel Hill
Payne, Ella Louise, A-Sci. 4, fws	Hertford
Payne, Lorne Cameron, G. C. 1, fws	Gastonia
Peacock, Carver J., C. 3, fws	Benson
Peacock, Douglas Rivers, G. C. 1, fws	Fremont
Peacock, Erle Fletcher, G. C. 1, f	Chapel Hill
Peacock, James Edward, A-Sci. 3, fws	Fremont
Peagler, Rose, A-Sci. spec., fw; Grad. s A.B., 1937, Wesleyan Coll.	Homerville, Ga.
Pearlman, Leonard Milton, A-Sci. 4, fws	Brooklyn, N. Y.
Pearsall, Eugene Andrew, Jr., Ch. E. 4, fs	Greensboro
Pearson, William Arthur, A-Sci. 3, fws	Charlotte
Peden, Joseph William, Jr., G. C. 1, fws	Raleigh
Peebles, Julia Bowen, A-Sci. 3, fws	Chapel Hill
Peebles, Rebecca, A-Sci. spec., f	Jackson
Pegram, Addie Bradshaw, Ph. 3, ws	Chapel Hill
Peiffer, Carl David, C. 3, ws	Wilmington
Pemberton, Mary Elsie, C. 3, fws	Tampa, Fla.
Pendergraft, Paul D., C. 3, fws	Chapel Hill

Pendergrass, Paul Pleasant, G. C. 1, fws	Carthage
Pendleton, Janet Reid, A-Sci. 3, fws	Owensboro, Ky.
Pendleton, Militus Gayle, G. C. 1, fws	Portsmouth, Va.
Penick, Edwin Anderson, Jr., G. C. 1, fws	Raleigh
Penn, Frank Reid III, G. C. 2, fws	Reidsville
Percy, Leroy Pratt, A-Sci. 4, fws	Greenville, Miss.
Perkins, Edwin Roberson, G. C. 2, ws	Smithfield
Perkins, Joseph Alexander, Law 1, fs	Monroe
Perkins, Robert Theodore, A-Sci. 4, fws	Morganton
Perrin, George Edward, Jr., G. C. 2, fws	Greensboro
Perrin, James Wardlaw, G. C. 2, fws	Wilmington
Perrotta, James, G. C. 2, fws	Trenton, N. J.
Perry, Alfred Winton, Law 1, f	Franklin
Perry, Anne Guerry, A-Sci. 3, fws	Columbia, S. C.
Perry, Edward Owen, Jr., G. C. 2, fws	Atlanta, Ga.
Perry, Fitzhugh Lee, G. C. 2, fws	Rocky Mount
Perry, James Edward, Jr., Ph. 1, fws	Franklin
Perry, Pearlman Ross, Jr., G. C. 1, fws	Chapel Hill
Person, Thomas Edgar, A-Sci. 4, fws	Stantonsburg
Peschau, Henry Bose, C. 3, f; A-Sci. 3, w	Wilmington
Pessar, Seymour Henry, G. C. 2, fws	New York, N. Y.
Peterman, Daniel Neff, G. C. 2, fws	York, Penna.
Peters, Robert Milton, G. C. 1, fws	Floral Park, N. Y.
Peterson, Everett Lindsay, C. 4, ws	Clinton
Peterson, Sarah Rose, A-Sci. spec. w; Grad. s A.B., 1936, Flora Macdonald	Laurinburg
Pethel, Raymond Eugene, Ph. 1, fws	China Grove
Petrea, Oscar Adolphus, Jr., A-Sci. 4, f	Lexington
Petree, Philip Alton, G. C. 2, fws	Walnut Cove
Petree, Walter Mitchell, Med. 1, fs	Danbury
Petrie, Robert William, A-Sci. 3, fw	Murphy
Petty, Alvis Brooks, C. 4, fws	Pittsboro
Philbrick, Augusta Lombard, A-Sci. spec., f	Raleigh
Philips, Henry Hyman, Jr., G. C. 2, fws	Tarboro
Philips, Joseph Bond, Jr., G. C. 1, fws	Kennett Square, Penna.
Phillips, Calvin Bynum, G. C. 1, fws	Lincolnton
Phillips, Carl Frederick, G. C. 2, fw	Asheboro
Phillips, Guy Berryman, Jr., C. 4, fws	Chapel Hill
Phillips, William Gates, E. E. 4, fws	Huntsville, Tex.
Phillips, Henry Matt, G. C. 1, fw	Greenville
Phrydos, Irene, Med. 1, fs A.B., 1937, The Woman's Coll. of the Univ. of N. C.	Greensboro
Pickard, James William, G. C. 1, fws	Randleman
Pickard, John Milton, Ph. 1, fws	Durham
Pickett, Ocko P., G. C. 1, fws	Lexington
Pike, Jesse Miller, Ph. 2, fws	Concord
Pindar, Norris Tebeau III, G. C. 2, fws	Savannah, Ga.
Pitman, William Harvey, Jr., G. C. 2, fw	Raleigh
Pittman, Edward Lawrence, A-Sci. 3, ws	Rocky Mount

Pittman, Jimmie Lincoln, G. C. 2, fws	Selma
Pitts, Thomas Remfry, G. C. 2, fws	High Point
Piver, James DeCamp, G. C. 1, fws	Collingswood, N. J.
Plemmons, Donald Alton, Ph. 2, fws	Asheville
Pliskin, Aaron, G. C. 1, fws	Thomasville
Plonk, George Webb, G. C. 2, fws	Kings Mountain
Pockrass, Robert Mendell, A-Sci. 4, fws	Yonkers, N. Y.
Podwika, John Edward, G. C. 2, fws	Wyoming, Penna.
Poe, Charles Aycock, Law 3, fs A.B., 1935	Raleigh
Poe, Katherine Inez, L. S., fws A.B., 1935, Meredith Coll.	Apex
Pointer, James Cecil, G. C. 1, fws	Blanche
Pollack, Casra Kenneth, A-Sci. 4, fws	Long Beach, N. Y.
Pollock, Margaret Lee, A-Sci. 4, fws	Chicago, Ill.
Ponder, Graham, A-Sci. 4, fws	Asheville
Pool, Murray Haynes, C. 3, fws	Raleigh
Pope, Carl Wesley, G. C. 1, fws	Durham
Pope, Charles Arthur, G. C. 1, fws	Durham
Pope, Marcellus, Jr., C. 4, fws	Enfield
Pope, Richard Hunter, Jr., G. C. 2, fws	Enfield
Potter, Franklin Willard, G. C. 2, fws	Evanston, Ill.
Potts, Ramsay Douglas, Jr., C. 4, fws	Memphis, Tenn.
Powell, Julius Benjamin, A-Sci. spec., fw	Clinton
Powers, George Ephriam, C. 3, fw	Wallace
Powers, Owen Meredith, Jr., C. 4, fws	Fayetteville
Pratt, Ellis Carl, L. S., fw A.B., 1934, Duke Univ.	Durham
Pratt, Franklin Pierce, Jr., Med. 1, fs A.B., 1937, Catawba Coll.	Salisbury
Pratt, Jean Gardner, G. C. 1, fws	Detroit, Mich.
Premo, Bert Leo, G. C. 2, fws	Irvington, N. J.
Pressly, David Lowry, A-Sci. spec., fws A.B., 1936, Erskine Coll.	Statesville
Preston, Harry DesPlaces, A-Sci. 3, fws	Brooklyn, N. Y.
Prestwood, Marvin Link, G. C. 2, f; C. 3, ws	Lenoir
Price, Hubert Graham, Ph. 4, fws	Shelby
Price, Lawrence McSwain, P. H., s S.B., 1924, Univ. of South Carolina	Columbia, S. C.
Price, Norville Reid, G. C. 1, fws	Rocky Mount
Price, Ray Alexander, A-Sci. 3, fws	New London
Prichard, Ruth Dimm, L. S., fws A.B., 1937, Wake Forest Coll.	Wake Forest
Privette, Hubert Jones, A-Sci. 3, fws	Chapel Hill
Proctor, William Vinson, Ph. 3, fws	Wilson's Mills
Prouty, William Walker, A-Sci. 4, fws	Chapel Hill
Provo, John Randolph, G. C. 2, fws	Elizabeth City
Pruett, Ernest Clinton, A-Sci. 4, fws	Swannanoa
Pruitt, Charles Conly, Jr., G. C. 2, fws	Oxford
Puckette, Isabelle McKeldin Gettys, A-Sci. 4, fws	Ridgewood, N. J.
Pugh, Carl Selwyn, Jr., G. C. 2, fws	Smithfield

Puig, George Oscar, A-Sci. 3, f	Habana, Cuba
Pullen, James Frederick, G. C. 1, fws	Chapel Hill
Pullen, John William, G. C. 1, fws	Chapel Hill
Pulliam, Willard Cary, Ph. 1, fw	Roxboro
Purvis, P. C., G. C. 1, fws	Fairmont
Purvis, Whit Coffield, G. C. 1, fws	Williamston
Pustilnik, Jack, G. C. 2, fws	Maplewood, N. J.
Putney, Robert Hubbard, Jr., A-Sci. 3, fs	Elm City
Putzel, Charles Lewis, Jr., G. C. 2, fws	Salisbury
Pyne, James Minetree, G. C. 2, fws	Durham
Quarles, James Perrin, Jr., G. C. 1, fws	Charlotte
Queen, James Shook, Law 3, fs A.B., 1934	Waynesville
Quina, Robert Marshall, G. C. 2, fs	Pensacola, Fla.
Rabb, Stuart White, A-Sci. 4, fw	Erlanger
Raby, Leonard McDade, Med. 1, fs S.B., 1937, The Citadel	Tarboro
Radman, George, G. C. 2, fws	Lorain, Ohio
Ragland, William Wesley, G. C. 1, f	Louisburg
Ralph, Arnold David, G. C. 1, fws	Easton, Penna.
Ralston, George Francis, G. C. 2, fws	Harrisburg, Penna.
Ramsay, John Erwin, A-Sci. 4, fws	Salisbury
Ramsay, Robert Erskine, C. 3, fw	Ormond, Fla.
Ramsey, Joseph Bunn, Jr., G. C. 1, fws	Rocky Mount
Ramsey, Thomas David, G C. 1, fws	Bryn Mawr, Penna.
Raney, William Alexander, C. 3, fs	Wilmington
Rankin, Edward Lee, Jr., G. C. 2, fws	Spencer
Rankin, Edward Ray, C. 3, fws	China Grove
Rankin, Forney Anderson, Law 1, fs A.B., 1934	Belmont
Rankin, John Watkins, C. 3, fws	Winston-Salem
Rankin, Mary Delia, A-Sci. spec., w A.B., 1931, The Woman's Coll. of U. N. C.	Mount Holly
Rankin, Rufus Grady, Jr., G. C. 2, fws	Charlotte
Ranson, John Oliver, G. C. 1, fws	Charlotte
Ranson, Robert Query, G. C. 1, fws	Charlotte
Raper, Emery Elisha, Law 1, fs A.B., 1937	Lexington
Raper, Horace Wilson, A-Sci. 3, fws	Winston-Salem
Rasberry, Edwin Albert, Med. 1, fs A.B., 1937	Snow Hill
Rattis, Joseph Jackson, G. C. 1, fws	Mt. Airy
Rawlings, William Henry, G. C. 2, fws	Winston-Salem
Rawls, Iris, A-Sci. 4, fws	New Bern
Rawls, Jack Rorison, G. C. 2, fws	Asheville
Ray, Hickman, G. C. 1, fws	Durham
Ray, Robert Marsh, Jr., C. 4, fws	Oxford
Ray, William Shelton, C. 3, fws	Waynesville
Raynor, George Stanley, A-Sci. 4, fws	Rockville Centre, N. Y.
Read, Carleton Sperry, Jr., G. C. 1, fws	New Haven, Conn.

Read, Nicholas Cabell, A-Sci. 4, fws	Montgomery, Ala.
Readling, William Martin, C. 4, fws	Davidson
Redfern, Elisabeth, A-Sci. 4, fws	Raleigh
Reece, Randolph Hampton, C. 3, fws	Winston-Salem
Reed, Laura Alice, L. S., fws A.B., 1937, The Woman's Coll. of U. N. C.	Winston-Salem
Rees, Pembroke Graves, G. C. 1, fws	Chapel Hill
Reese, Jesse Byers, A-Sci. 3, fws	Hendersonville
Reeves, Charles Mercer, C. 3, ws	Sanford
Reich, Edwin Charles, G. C. 2, fws	Larchmont, N. Y.
Reid, Charles Hamilton, Jr., A-Sci. 4, fws	Winston-Salem
Reid, David Settle, G. C. 1, fws	Winston-Salem
Reid, Margaret Patrick, Law 1, fs A.B., 1937, Flora Macdonald	Lowell
Reid, William Lewis, Jr., Law 3, fs A.B., 1936	Winston-Salem
Reilly, Charles Edward, G. C. 1, fws	New York, N. Y.
Reynolds, Frank Russell, G. C. 1, fws	Wilmington
Reynolds, Paul Bernhardt, Ci. E. 4, fws	Salisbury
Rhodes, James Frederick, Ph. 2, fws	Lincolnton
Rhyne, Max Melvin, A-Sci. 3, fws	Gastonia
Rhyne, William Lawrence, L. S., fws A.B., 1930	Bessemer City
Rice, Frank Aydelotte, A-Sci. 4, fws	Black Mountain
Rice, Guy Vivian, Jr., P. H., s	Chillicothe, Tex.
Rice, Mary Margaret, A-Sci. 3, fws	Pinebluff
Rice, Rex Alderman, G. C. 1, fws	Belton, S. C.
Rich, Charles Alexander, G. C. 1, fws	Frankfort, N. Y.
Rich, William Thomas, A-Sci. spec., f	Durham
Richards, Powell, A-Sci. 3, fws	Swarthmore, Penna.
Richardson, Donald Howard, G. C. 1, fws	Atlantic, Mass.
Richardson, Ernest Christopher, Jr., A-Sci. 4, fws	New Bern
Richardson, Howard Dixon, A-Sci. 4, fws	Black Mountain
Richardson, William Youman, Jr., G. C, 2, fws	Jacksonville
Richman, Allen A., A-Sci. 3, fws	New York, N. Y.
Richmond, Margaret Workman, A-Sci. 3, s	Hillsboro
Richter, Horace, G. C. 2, f	Mt. Gilead
Riddle, George Barber, Jr., C. 4, fws	Raleigh
Riddle, Harry Lee, Jr., Law 3, fs A.B., 1936	Morganton
Riddle, Janie O. Hunt, A-Sci. 4, fws	Oxford
Rider, Charles Franklin, G. C. 2, fws	Malverne, N. Y.
Ridgway, Irison Boyd, G. C. 1, fws	Scarsdale, N. Y.
Riel, John Torrey, G. C. 1, fws	LaGrange, Ill.
Riggsbee, John Bunyan, A-Sci. 3, fws	Bynum
Riheldaffer, William H., P. H., f S.B., West Virginia Univ.; M.D., Medical Coll. of Virginia	Lost Creek, West Va.
Rippy, James Fred, Jr., A-Sci. 3, fws	Chicago, Ill.
Ritchie, Guy Gilbert, G. C. 2, f; A-Sci. 3, ws	Chapel Hill
Ritchie, Ned Coggin, G. C. 2, fws	Albemarle

Rittenberg, Sidney, Jr., G. C. 1, fws	Charleston, S. C.
Robbins, Conrad, R., G. C. 1, fws	Shannon, Miss.
Roberson, Foy, Jr., G. C. 2, fws	Durham
Roberts, Hughes, Jr., G. C. 1, fws	Atlanta, Ga.
Roberts, Thomas Francis, G. C. 1, fw	Hillsboro
Robertson, Forrest Ivey, Law 1, fs A.B., 1930, Maryville Coll.	Rutherfordton
Robertson, James Farish, Jr., G. C. 1, fws	Wilmington
Robertson, Joe Henry, Jr., C. 4, fws	Advance
Robertson, Leon Whitfield, G. C. 1, fws	Wake Forest
Robinson, Charles David, C. 4, fws	Candor
Robinson, Charles Moore, Jr., A-Sci. 3, fws	Fayetteville
Robinson, Donald James, A-Sci. 4, fws	Weaverville
Robinson, Gordon Charles, C. 4, f	Stamford, Ontario
Robinson, Leah, A-Sci. 3, fws	Asheville
Robinson, Samuel Erixene, Law 2, fs S.B., 1933, Davidson Coll.	Charlotte
Rockwell, Paul, E. E. 4, fws	Biltmore
Rodgers, Grover Tilghman, G. C. 1, fws	Washington
Rodgers, Herbert Blair, C. 4, fws	Birmingham, Ala.
Rodman, Clark, A-Sci. 4, fws	Washington
Rodman, Owen Guion, A-Sci. 3, ws	Washington
Rodwell, Kennon Swift, A-Sci. 4, fws	Norfolk, Va.
Roebuck, Benjamin Holcomb, Jr., G. C. 2, ws	Washington
Roehrs, Douglas Gordon, G. C. 1, fw	West Chester, Penna.
Roelofs, Henry Morrison, G. C. 1, fws	Dansville, N. Y.
Roffer, Ralph Herbert, A-Sci. 4, ws	New York, N. Y.
Rogers, Ernest Paul, C. 3, fws	Statesville
Rogers, Frank Benjamin, Jr., A-Sci. 4, fws	Bennettsville, S. C.
Rogers, Frank Mandeville, G. C. 2, fws	Florence, S. C.
Rogers, Gaston Wilder, P. H., f M.D., 1911, Univ. of Alabama	Raleigh
Rogers, George Carraway, A-Sci. spec., fws	Graham
Rogers, Wayne Hall, G. C. 1, fws	Winston-Salem
Rogers, Wiley Mager, Jr., A-Sci. 3, fws	Raleigh
Rogerson, Livingston Brewster, G. C. 1, fws	Chapel Hill
Rolfe, Shelley R., G. C. 2, fws	Stelton, N. J.
Rolnick, Meyer Harvey, Med. 1, fs A.B., 1934, Univ. of Pennsylvania; M.S., 1936, *ibid.*	Trenton, N. J.
Rood, Carlton Alexander, A-Sci. 3, fws	Brooklyn, N. Y.
Rood, Wilson Andrew, A-Sci. 3, fws	Brooklyn, N. Y.
Roof, Simons Lucas, G. C. 1, fws	Rock Hill, S. C.
Root, Olivia Smith, A-Sci. 4, fws	Raleigh
Roper, Thomas Russell, G. C. 2, f; C. 3, s	Maxton
Rose, Leslie William, Jr., G. C. 2, fws	Rocky Mount
Rose, Oliver Creech, G. C. 1, fws	Benson
Rosen, Albert, A-Sci. 3, fws	Jackson Heights, N. Y.
Rosen, Frank, Ph. 1, fws	Batavia, N. Y.
Rosen, Lewis Leon, G. C. 2, fws	Jamaica, N. Y.

Rosenbaum, Herman Jack, C. 4, fws	Belmar, N. J.
Rosenberg, Donald Mason, G. C. 1, fws	Asheville
Rosenberg, Morris William, G. C. 2, fws	Anderson, S. C.
Rosenman, Helen Shirley, A-Sci. 3, fws	New York, N. Y.
Rosenstock, Gordon Saal, G. C. 1, fws	Petersburg, Va.
Rosenzweig, Robert Jean, C. 3, fws	Brooklyn, N. Y.
Ross, Herbert R., C. 4, fws	Belmar, N. J.
Ross, James McCausland, G. C. 2, fws	Charlotte
Ross, Kenneth Ellsworth, G. C. 1, fws	Nashville
Ross, Otho Bescent, Jr., G. C. 2, fws	Charlotte
Ross, Theodore Nichlos, G. C. 2, fws	Nashville
Roth, Henry J., A-Sci. 4, fws	Brooklyn, N. Y.
Roughton, Frances Julia, A-Sci. 4, fws	Old Fort
Roughton, John Turner, A-Sci. 4, fws	Old Fort
Rountree, Eugene Cleapor, G. C. 2, fws	Kinston
Roush, Margaret, L. S., fws A.B., 1935, Hillsdale Coll.	Lima, Ohio
Rousseau, Vincent Paul, Jr., G. C. 1, fws	Charlotte
Rowe, Joseph Vance, Jr., C. 3, fws	Aberdeen
Rowland, James Jordan, C. 3, fws	Henderson
Royall, George Edwin, Jr., Ph. 1, fws	Elkin
Royall, Kenneth Clairborne, Jr., G. C. 2, fws	Goldsboro
Royster, Thomas Broadway, G. C. 2, fws	Raleigh
Royster, Thomas Sampson, Jr., G. C. 2, fws	Henderson
Rubin, Leonard, A-Sci. 4, fs	Bronx, N. Y.
Rudisill, Thomas Richard, A-Sci. 4, fw	Marshall
Ruffin, DeLette Gertrude, A-Sci. 4, w	Ellerbe
Rufty, Archibald Caldwell, Law 3, fs A.B., 1935, Catawba Coll.	Salisbury
Rufty, William Lee, A-Sci. 3, fws	Salisbury
Ruger, William Batterman, G. C. 2, fws	Brooklyn, N. Y.
Rush, Richard Caswell, G. C. 2, f	Sanford
Russ, David Perry, Jr., Law 1, fs	Fayetteville
Russ, Robert Barrett, G. C. 2, fws	Winston-Salem
Russell, Anne Parris, A-Sci. spec., s	West Asheville
Russell, Jesse Milton, Jr., Ph. 4, fws	Canton
Russell, Joe Brent, C. 3, fws	Marshville
Ruth, Earl Baker, A-Sci. 4, fws	Charlotte
Rutter, Robert Carl, G. C. 1, fws	Chatham, N. J.
Ryan, John William, G. C. 1, fws	Newton, Mass.
Sabine, Margaret deLanaudiere, A-Sci. 3, fws	Charlotte
Sadoff, Sidney, G. C. 1, fws	Brooklyn, N. Y.
Sager, Harold Lauck, A-Sci. 3, fws	Danville, Va.
Sakolsky, Melvin, A-Sci. 3, fws	New Rochelle, N. Y.
Saleeby, Eli George, G. C. 2, fw	Wilson
Saleeby, Richard George, G. C. 1, fws	Wilson
Salisbury, Paul Lee, Jr., A-Sci. 4, f	Scotland Neck
Salowe, William, G. C. 1, fws	Plainfield, N. J.
Samayoa, Margarita Alicia, A-Sci. 4, fws	Asheville

Sample, Albert Barron, A-Sci. 4, fws	Statesville
Sanders, David McClellan, G. C. 1, fws	Atlanta, Ga.
Sanders, Durward Eldon, G. C. 1, fws	Richlands
Sanford, James Terry, A-Sci. 3, fws	Laurinburg
Sanford, Rufus Brown, Jr., Law 3, fs S.B., 1935, Davidson Coll.	Mocksville
Santoro, William Anthony, A-Sci. 3, fws	Waterbury, Conn.
Saposnik, Jacob Morris, A-Sci. 4, fws	Brooklyn, N. Y.
Sapp, Claud, N., G. C. 2, fws	Columbia, S. C.
Sasser, Lewis Sneed, Jr., G. C. 2, fws	Durham
Saunders, Francis Stewart, A-Sci. 3, fws	Aulander
Sause, Oliver Lawrence, A-Sci. 3, fws	Mineola, N. Y.
Savarese, Charles Joseph, Jr., G. C. 1 fws	Charlotte
Saylor, Frank Edward, G. C. 1, s	Winston-Salem
Scales, James Shelton, C. 3, fws	Stoneville
Scales, Junius Irving, G. C. 2, fws	Chapel Hill
Schallert, Nancy Elizabeth, A-Sci. 4, fws	Winston-Salem
Schehr, Milton, C. 4, fws	Brooklyn, N. Y.
Schildwachter, Vivian Beatrice, A-Sci. 3, fws	Brooklyn, N. Y.
Schiller, John Taylor, Law 3, fs A.B., 1936	Wilmington
Schindler, Harry, G. C. 2, fw	Baltimore, Md.
Schleifer, Leonard James, G. C. 1, fws	New York, N. Y.
Schmidt, Frederick Kenneth, G. C. 1, fws	Plainfield, N. J.
Schmucker, Samuel Aiken, G. C. 1, fws	Charlotte
Schochet, Sidney Marcus, C. 3, fws	Asheville
Scholl, James Harris, C. 3, fws	Ghio
Schreyer, James Marlin, A-Sci. 4, fw	Fletcher
Schrimpe, Conrad Campbell, G. C. 1, fws	Woodbridge, N. J.
Schuck, Martin Frederick, G. C. 2, f	Lawrence, N. Y.
Schulken, Roger Moore, G. C. 2, fws	Durham
Schultz, James Norton, G. C. 1, fws	South Orange, N. J.
Schwartz, Franklin Judah, G. C. 1, fws	Brooklyn, N. Y.
Schwartz, Sidney Melvin, C. 3, fws	Wilmington
Scott, Lacy Pershing, G. C. 2, f; C. 3 ws	Greensboro
Scott, Spencer Cornelius, Jr., Ph. 2, ws	Fair Bluff
Scruggs, Remer Young, A-Sci. spec., s	Hahira, Ga.
Seaver, Edwin Pliny, G. C. 2, fws	New Bedford, Mass.
Seawell, Edward Harding, A-Sci. 4, fws	Raleigh
Seawell, John Quincy, Jr., A-Sci. 3, fws	Winston-Salem
Seawell, William Lawrence, G. C. 2, fws	Sanford
Selden, Littleton Cole, G. C. 1, fws	Jackson
Selden, Wautel Lambeth, A-Sci. spec., fws A.B., 1930, Elon Coll.	Chapel Hill
Sensenbach, Elmer Elroy, Jr., G. C. 1, fws	High Point
Senter, Lloyd Morgan, Ph. 2, fw	Carrboro
Sessoms, Alexander, G. C. 1, fws	Chapel Hill
Sessoms, David James, Jr., G. C. 1, fws	Chapel Hill

Seth, William Raymond, Jr., A-Sci. 3, fws	Baltimore, Md.
Severin, Paul Vincent, G. C. 1, fws	Tarentum, Penna.
Sewell, Jefferson Davis, G. C. 1, fws	Monroe
Seymour Frederick Page, G. C. 1, fws	Philadelphia, Penna.
Shapiro, Herbert, G. C. 2, fws	White Plains, N. Y.
Shapiro, Leonard Bertram, A-Sci. 4, fws	Hempstead, N. Y.
Share, Abraham Albert, C. 4, fws	Rockingham
Sharp, Harry Grady, Jr., G. C. 1, fws	Winston-Salem
Shaw, Ben Love Sutton, G. C. 1, fws	Durham
Shaw, Clyde Alexander, Jr., C. 4, fws	Concord
Shaw, Elliott Gilford, Jr., A-Sci. 3, fws	Henderson
Sheffer, Dean Philip, G. C. 1, fws	Linlithgow, N. Y.
Sheffield, Bernard Cleveland, Jr., Ph. 2, ws	Warsaw
Sheffield, James Russell, G. C. 2, fws	Tarboro
Sheffield, Walter Lincoln, Jr., G. C. 1, fws	Wilmington
Shell, Eugene Craig, A-Sci. 3, fws	Roanoke Rapids
Shelton, William Roy, Law 2, fs A.B., 1916, Trinity Coll.	Asheville
Shepard, George Edward, A-Sci. spec., w S.B., 1929	Chapel Hill
Shepherd, Marshall McLaney, G. C. 2, fws	Charlotte
Sherman, Kalman, G. C. 1, fws	Hendersonville
Sherman, Louis Manheim, G. C. 1, fws	New York, N. Y.
Sherrill, Frank Roger, C. 3, fws	Granite Falls
Shewmake, Elizabeth Warren, Law 1, fs	Davidson
Shiller, Larry, M. E. 4, fws	Hurleyville, N. Y.
Shiller, Sidney, G. C. 2, f; C. 3, ws	Yonkers, N. Y.
Shine, Lou Sullivan, L. S., fws A.B., 1921; A.M., 1926	Chapel Hill
Shoaf, David Harold, Jr., G. C. 2, f	Winston-Salem
Shore, Hoke Flynt, C. 4, f	Winston-Salem
Shores, William Irving, A-Sci. 3, f	Baltimore, Md.
Shryock, Richard Fuller, A-Sci. 4, fws	Baltimore, Md.
Shuford, Anna Frances, A-Sci. 4, fws	Gastonia
Shuford, William Melvin, G. C. 1, fws	Asheville
Shugar, Gershen Joe, A-Sci. 3, fws	Tarboro
Shull, William Henry, G. C. 2, fws	Charlotte
Shuping, Clarence Leroy, Jr., G. C. 1, fws	Greensboro
Shure, Alvin Abraham, G. C. 2, fws	Rocky Mount
Sieck, Richard Charles G. C. 1, fws	Glendale, N. Y.
Siegel, Sidney Harold, C. 3, fws	New York, N. Y.
Sievers, Wieder David, G. C. 2, fws	St. Louis, Mo.
Siewers, Christian Fogle, G. C. 1, fws	Winston-Salem
Silverman, Dorothy, L. S., f A.B., 1937, The Woman's Coll. of U. N. C.	Morristown, N. J.
Silverman, N. Michael, G. C. 2, fws	Brooklyn, N. Y.
Silverstein, Eugene, G. C. 1, fws	Gastonia
Simkoe, Paul Gabriel, A-Sci. 3, fws	Trenton, N. J.
Simmons, Berkeley Leo, C. 3, fws	Washington, D. C.

Simmons, Irving Edmund, P. H., s A.B., 1932, Univ. of Penna.; M.D., 1936, Baylor Medical Coll.	Miami, Fla.
Simmons, Mack, Med. 1, fs A.B., 1937	Chapel Hill
Simmons, Raymond Harvey, G. C. 2, fws	Thurmond
Simmons, Robert Griggs, G. C. 2, f	Greensboro
Simmons, Wilson Coite, Ph. 4, fws	Conover
Simms, Joseph Sothoron, P. H., f	Arlington, Va.
Simon, Raymond, C. 4, fws	Union City, N. J.
Simone, Peter John, G. C. 1, fws	Elizabeth, N. J.
Simpson, Clarence Grady, G. C. 2, fw	Roseboro
Simpson, George Lee, Jr., G. C. 1, fws	Concord
Sims, Nathaniel Graves, Law 1, fs A.B., 1937, The Citadel	Charlotte
Sinclair, Charles Stuart, A-Sci. 3, f	Marion
Singletary, John Bradley, G. C. 2, fws	Whiteville
Singletary, William Vance, G. C. 1, fws	Greensboro
Sink, Charles Shelton, G. C. 1, fws	North Wilkesboro
Sink, David William, G. C. 1, fws	Lexington
Sitterson, Nancy Flanders, A-Sci. 4, fws	Chapel Hill
Sitterson, Simon Carlyle, Jr., C. 3, fws	Kinston
Skeen, Thompson Hunter, A-Sci. 3, fws	Biscoe
Skinner, Benjamin Smith, Med. 2, fws S.B., 1937	Durham
Slade, Richard Gladstone, G. C. 1, fw	Hamilton
Slagle, Charles Albert, G. C. 2, fws	Springfield, Ohio
Slate, John William, C. 3, fws	High Point
Slawter, John David, G. C. 2, f	Winston-Salem
Sleboda, Anthony John, G. C. 2, fws	Wyoming, Penna.
Sloan, Robert Stanley, G. C. 2, fws	Atlanta, Ga.
Sloan, Cyrus Thompson, Jr., G. C. 2, ws	Marion, S. C.
Sloan, William Lee, Ph. 3, fws	Chapel Hill
Sloop, Charles Blume, A-Sci. 3, f	Concord
Sloop, Hugh Washington, G. C. 1 fw	Moorsville
Slotnick, Leo, G. C. 2, fws	Chelsea, Mass.
Smernoff, Henry George, G. C. 1, fws	New Haven, Conn.
Smigel, Erwin O., A-Sci. 3, fws	Bronx, N. Y.
Smith, Albert Brant, Jr., C. 4, fws	Fayetteville
Smith, Barbara Alice, A-Sci. 3, fws	White Plains, N. Y.
Smith, Billie C., G. C. 1, fws	Pittsboro
Smith, Charles Gordon, Med. 2, fws A.B., 1936, Davidson Coll.	Rocky Mount
Smith, C. Hunter, C. 4, f	Greensboro
Smith, David Judson, C. 4, fws	Chapel Hill
Smith, Edwin Harrison, Ph. 1, fws	Weldon
Smith, Eileen M., L. S., fws A.B., 1937	Chapel Hill
Smith, Ephriam Wescott, Jr., G. C. 1, f	Chapel Hill
Smith, Esther Hall, A-Sci. spec., s S.B., 1924, Teachers Coll., Columbia Univ.	Catskill, N. Y.
Smith, Foyell Pennington, A-Sci. 3, fws	Lexington

Smith, Gilbert, C. 4, ws	Hiddenite
Smith, Herbert, G. C. 2, fws	Rocky Mount
Smith, Howell Caverly, G. C. 1, fws	Middletown, N. Y.
Smith, Jessie Lee, Ph. 1, fws	Robbinsville
Smith, John McNeill, A-Sci. 4, fws	Rowland
Smith, John Wilson, Jr., G. C. 1, fws	Charlotte
Smith, Leon Edgar, Jr., Law 1, fs A.B., 1937, Elon Coll.	Elon College
Smith, Leon Wriston, Ph. 2, fws	Kannapolis
Smith, Luke Fleming, G. C. 2, s	Whitakers
Smith, Mack Edward, C. 4, fws	Fountain
Smith, Mozelle Olive, A-Sci. spec., w	Greensboro
Smith, Nancy Marie, A-Sci. 4, fs	Chapel Hill
Smith, Robert B., G. C. 1, fws	Chapel Hill
Smith, Robert Lee, C. 4, f	Asheville
Smith, Ruby Arden, Med. 2, fws	West Jefferson
Smith, Samuel Jo, Jr., G. C. 2, s	Whitakers
Smith, Samuel Milton, Jr., G. C. 1, fws	Pilot Mountain
Smith, Samuel Winslow, A-Sci. 3, fws	Punxsutawney, Penna.
Smith, Virginia Elizabeth, A-Sci. 3, fws	Meridian, Miss.
Smith, Warren Mattson, Jr., A-Sci. 3, fws	Penns Grove, N. J.
Smith, Wiley, G. C. 2, fws	Goldsboro
Smith, Willis Crauth, Law 3, fs S.B., 1936	Belmont
Smithey, Len Broughton, G. C. 1, fws	Bath
Snider, William Davis, G. C. 1, fws	Salisbury
Snipes, Richard Dean, A-Sci. 3, fws	Hamlet
Snow, David Kirk, G. C. 1, ws	Man, West Va.
Snow, Rodney English, G. C. 1, fws	High Point
Snyder, Bruce Wellington, Jr., G. C. 1, fws	Monroe
Snyder, Nathaniel, A-Sci. spec., fws	Roxbury, Mass.
Snyder, Roger Alexander, G. C. 1, fws	Winston-Salem
Sobelson, Stanley, Jr., A-Sci. 4, fws	Newark, N. J.
Soles, William Roger, A-Sci. 3, fws	Whiteville
Solomon, Carl, A-Sci. 4, fws	Jamaica, N. Y.
Sosnowitz, Leroy Allan, G. C. 2, fws	Stamford, Conn.
Southerland, Samuel Carl, A-Sci. 3, fws	Durham
Southerland, Sue Dupuy, A-Sci. 4, fws	Chapel Hill
Spanier, Robert Martin, C. 3, fws	Leonia, N. J.
Sparger, Haywood Merritt, E. E. 4, fws	Mt. Airy
Sparrow, Harry Ward, G. C. 1, fws	Greensboro
Sparrow, Preston Williamson, A-Sci. 4, f	Chapel Hill
Sparrow, Richard Whitehead, G. C. 2, fw	Chapel Hill
Sparrow, Vernon Starr, C. 3, fws	Chapel Hill
Spear, Louise, A-Sci. 4, fws	Chapel Hill
Spears, John Wesley, Law 1, fs A.B., 1929	Lillington
Speck, Mary Lillian, A-Sci. 4, fws	Asheville
Speight, William Wesley, Law 1, s	Spring Hope

Spelke, Louis Samuel, A-Sci. 4, fws	Stamford, Conn.
Spell, Charles Connelly, A-Sci. 3, fws	Godwin
Spence, Ernest P., G. C. 1, fws	Goldsboro
Spencer, Elizabeth Ann, A-Sci. 3, fws	Carthage
Sperry, William Hunter, A-Sci. 3, fws	Milton, Mass.
Spicer, Emmet Robinson, Med. 1, fs A.B., 1937	Goldsboro
Spicer, Philip Bryant, G. C. 1, f	Harlan, Ky.
Spies, Adrian Charles, G. C. 1, fws	Newark, N. J.
Spiggle, John David, P. H., f S.B., 1929, West Virginia Univ.	Aurora, West Va.
Spivey, Richard Wood, G. C. 2, f	Roxobel
Spivey, Thomas Denmuth, A-Sci. 4, fws	Goldsboro
Sprinkle, Ralph, A-Sci. 4, fws	Winchester, Va.
Spruill, Ronald Wescotte, Ph. 1, fws	Pinetown
Stacy, Edney Webb, G. C. 2, fws	Chapel Hill
Stacy, Rose Pittman, Ph. 1, fws	Chapel Hill
Stadiem, Howard Raymond, G. C. 1, fws	Greensboro
Stallings, Daniel Livingstone, C. 4, fws	Bridgeton
Stallings, Harry Ferrell, G. C. 2, fws	Kinston
Stallings, John Thomas, C. 4, fws	Pinetops
Stanback, Thomas Belville, Jr., G. C. 2, fws	Salisbury
Stancil, James Rose, Med. 2, fs A.B., 1936	Smithfield
Stang, Herbert Irving, G. C. 1, fws	New York, N. Y.
Stang, Mortimer, G. C. 1, fws	New York, N. Y.
Stannard, Samuel Harold, G. C. 1, fws	Cambridge, N. Y.
Stanton, Herbert Charles, Jr., G. C. 2, f	Primos, Penna.
Staples, Raymond F., A-Sci. spec., ws	Asheville
Starnes, Charles Jackson, A-Sci. 3, fws	Asheville
Starnes, Roy Gilmer, Ph. 1, f; G. C. 1, ws	Pineville
Starnes, Roy Glenn, A-Sci. 3, ws	Stem
Starr, George Edward, P. H., s S.B., 1937, Wake Forest Coll.	Goldsboro
Starr, Sarah, Law 2, fs A.B., 1933, Lenoir Rhyne Coll.	Mooresville
Stauber, William Erwin, Jr., C. 3, fws	Rural Hall
Steagall, Walter Lee, G. C. 1, fws	Morven
Stearns, Frank Ellis, C. 3, fws	Monroe
Stebbins, Alvin Lloyd, P. H., f	Punta Gorda, Fla.
Steele, George Spencer, Law 1, fs A.B., 1937	Rockingham
Stegall, John Thomas, G. C. 1, fws	Marshville
Stein, Sanford, G. C. 2, fws	Woodmere, N. Y.
Stem, Fred Boothe, Jr., G. C. 2, fws	Darlington, S. C.
Stephenson, Robert Hugh, Ph. 1, f	Severn
Stern, Milton, G. C. 2, fws	New York, N. Y.
Stern, Seymour Victor, G. C. 2, ws	Asbury Park, N. J.
Stern, William Alfred, G. C. 2, fws	Greensboro
Stevens, Albert Franklin, Jr., G. C. 1, fws	Greensboro

Stevens, David Edgar, Jr., C. 3, fw	Goldsboro
Stevens, Edwin Jordan, G. C. 2, fws	Raleigh
Stevens, Frances Leda, A-Sci. spec., f; Grad. ws Ph.B., 1930, Piedmont Coll.	Demorest, Ga.
Stevens, Gordon Sefton, A-Sci. 3, fws	Smithfield
Stevenson, Mary Esther, L. S., fws A.B., 1937	Chapel Hill
Stevenson, Robert Ayer, C. 4, fws	Angola, N. Y.
Steward, Robert Eyre, A-Sci. 3, fws	Stockton, N. J.
Stewart, Henry Lafayette, Jr., G. C. 1, f	Clinton
Stich, Ernest, G. C. 1, fws	New York, N. Y.
Stick, David, G. C. 1, fws	Nags Head
Stigelman, William Guiles, Jr., C. 3, fws	Rocky Mount
Stillwell, John David, P. H., s M.D., 1927, Northwestern Medical School	St. Louis, Mo.
Stirnweiss, George Henry, G. C. 2, fws	Bronx, N. Y.
Stockton, Henry Haines, G. C. 2, fws	Pinehurst
Stockton, Norman Vaughn, Jr., G. C. 1, fws	Winston-Salem
Stoff, Gerald S., G. C. 2, fws	Jamaica, N. Y.
Stokes, David Lewis, G. C. 1, fws	Lexington
Stokes, Henry Brown, A-Sci. 4, fws	Winston-Salem
Stollmack, Ralph Howard, G. C. 1, fws	New York, N. Y.
Stomkin, Irving Billet, G. C. 2, fws	Chattanooga, Tenn.
Stone, Grady Erastus, G. C. 2, ws	King
Stone, Kerney Clifton, Jr., C. 4, fws	Durham
Stone, Warren G., G. C. 2, fws	Benson
Stoopack, Chester Jerome, A-Sci. 3, fws	Brooklyn, N. Y.
Stout, Dan Harrington, G. C. 2, s	Ramseur
Stovall, Harry Wylie, Jr., C. 4, fws	Wilmington
Strain, Robert Walter, G. C. 2, fws	Plainfield, N. J.
Stratton, George Marshall, G. C. 1, fws	Memphis, Tenn.
Strayhorn, Robert Hammond, C. 4, fws	Spencer
Stricker, Robert Louis, Med. 1, fs	Asheville
Strickland, Ernest Dalton, G. C. 2, f	Newton Grove
Strickland, Thomas Edward, G. C. 2, f	High Point
Stroud, Stancill McLeod, G. C. 2, fws	Southern Pines
Stroup, Mathew Alfred, A-Sci. 3, fws	Cherryville
Strowd, Bessie Headen, A-Sci. 4, fws	Chapel Hill
Stroyman, Sumner, G. C. 2, fws	Chelsea, Mass.
Struthers, David Lindsay, A-Sci. 3, fws	Wilmington
Stuart, Algie Maurice, Jr., G. C. 1, fws	High Point
Stutts, Everett Parker, G. C. 1, fws	Gibson
Sugg, Harold Gray, A-Sci. spec., fw	Greenville
Sullivan, John Thomas, A-Sci. 3, ws	Annapolis, Md.
Sumner, Paul Pearce, G. C. 2, fw; A-Sci. 3, s	Raleigh
Sumner, Robert Ernest, G. C. 2, fws	Rock Hill, S. C.
Sumner, William Hoke, Jr., A-Sci. spec., fws	Asheville
Sundstrom, Sylvia B., A-Sci. 3, fws	Corning, N. Y.
Sunstein, Charles Gerstley, G. C. 2, f; C. 3, ws	Elkins Park, Penna.

Sutliff, Isaac Herman, C. 4, fws	Spray
Sutton, Frederick Isler, Jr., Law 1, fs	Kinston
Sutton, James Edward, A-Sci. 3, fws	Penns Grove, N. J.
Sutton, Louis Valvelle, Jr., G. C. 2, fws	Raleigh
Sutton, Willis Anderson, Jr., A-Sci. 4, fws	Atlanta, Ga.
Svigals, Chester Sidney, G. C. 2, fws	White Plains, N. Y.
Swaim, Grady Lawrence, C. 4, fws	Winston-Salem
Swain, Arnold Chester, A-Sci. 3, fws	Asheville
Swan, Bernard Robert, G. C. 1, fws	Bridgeport, Conn.
Swann, Boyst Blane, G. C. 2, fws	Mooresville
Swartz, Russell Sylvester, G. C. 2, fw	Johnson City, N. Y.
Sweatt, Robert Caleb, G. C. 2, ws	Savannah, Ga.
Sweeney, Edgar Chew, Jr., G. C. 1, fws	Salisbury
Sweet, Arthur Thomas, Jr., G. C. 1, fws	Spencer
Swift, Humphrey Hathaway III, C. 3, fws	Boston, Mass.
Talton, James Louis, C. 3, fws	Smithfield
Talton, John Thomas, Jr., G. C. 1, fws	Clayton
Tankersley, Edward William, A-Sci. 4, fws	Greensboro
Tankersley, Edwin Cole, G. C. 1, fws	Chapel Hill
Tanner, Kenneth Spencer, Jr., A-Sci. 3, fws	Rutherfordton
Tart, Charles Graham, A-Sci. 3, fws	Newton Grove
Tayloe, James Marion, C. 3, fws	Aulander
Taylor, Baxter H., G. C. 2, ws	Asheville
Taylor, Benjamin Cicero, Jr., Med. 1, fs	Mount Holly
Taylor, Benjamin Franklin, Jr., G. C. 2, fws	Maxton
Taylor, Edgar Suggs, G. C. 1, fws	Walstonburg
Taylor, Edmund Rhett, Med. 1, fs A.B., 1937	Chapel Hill
Taylor, Edwin Valentine, G. C. 1, f	Asheville
Taylor, Elizabeth Gordon, A-Sci. 4, fws	Warrenton
Taylor, Frank B., Jr., G. C. 1, fws	Signal Mountain, Tenn.
Taylor, Harry R., G. C. 1, fw	Owego, N. Y.
Taylor, Hazel Elmo, A-Sci. 4, fw	Danville, Va.
Taylor, James Alexander, A-Sci. 3, fws	Oxford
Taylor, John Marion, Jr., G. C. 1, fws	Annapolis, Md.
Taylor, Kenneth Pollard, C. 3, fws	Washington, D. C.
Taylor, Thomas Northington, G. C. 2, fws	Oxford
Teague, David McNeill, A-Sci. 3, w	Sanford
Teague, Samuel Farris, Jr., G. C. 1, fws	Goldsboro
Teague, William Goldston, C. 3, fws	Siler City
Teague, William Rudolph, C. 3, fws	Henderson
Templeton, Ralph Gordon, Ph. 3, f; A-Sci. 3, ws	China Grove
Tenenblatt, William, G. C. 2, fws	Jersey City, N. J.
Terhune, Frank John, G. C. 2, fws	Kearny, N. J.
Terrell, John Arthur, Jr., G. C. 2, fws	Wendell
Terry, Henry Theodoric, Jr., A-Sci. 3, fws	Chapel Hill
Thagard, Neil Edwin, A-Sci. 4, fws	Fayetteville
Theil, Sidney, A-Sci. 4, f	Brooklyn, N. Y.

Thibaut, John Walter, G. C. 2, fws	Marion, Ohio
Thigpen, Cornelia Lee, A-Sci. 3, fws	Rocky Mount
Thigpen, Harry Gordon, Jr., G. C. 1, fws	Scotland Neck
Thigpen, S. Hassell, G. C. 2, fws	Tarboro
Thomas, Elizabeth Agnes, Ph. 1, f	Chapel Hill
Thomas, John Waties, Jr., A-Sci. 3, fws	Columbia, S. C.
Thomas, Lynn Patrick, G. C. 2, fw; C. 3, s	Rocky Mount
Thompson, Clary, A-Sci. 4, fws	Cameron
Thompson, David Elmon, G. C. 2, f	Whiteville
Thompson, Ernest, P. H., s S.B., 1924, Emory Univ.; M.D., 1926, Emory Univ.	Atlanta, Ga.
Thompson, Harry Vaine, A-Sci. 3, fws	Rich Square
Thompson, Joel Clay, G. C. 2, f; C. 3, ws	Raleigh
Thompson, John Burton, C. 4, fws	Greensboro
Thompson, John Cleveland, C. 3, fws	Asheville
Thompson, John Lloyd, Jr., C. 4, fws	Lincolnton
Thompson, Joseph Roscoe, G. C. 2, fws	Grassy Creek
Thompson, Neil Howard, G. C. 2, fws	Swepsonville
Thompson, Paul Hewitt, C. 3, fws	Wadesboro
Thompson, William Manley, G. C. 1, fws	Mountain Lakes, N. J.
Thompson, Wriston Augustus, G. C. 1, fw	Asheville
Thorne, Edgar Faulcon, G. C. 2, fws	Airlie
Thorne, William Green, G. C. 1, fws	Enfield
Thornton, Jack Edwards, C. 3, fs	Philadelphia, Penna.
Thornton, Mary Lindsay, A-Sci. 3, fws	Chapel Hill
Thorp, David Jones, A-Sci. 4, fws	Fries, Va.
Thurman, Bedford, A-Sci. 4, fws	Norfolk, Va.
Thurston, Thomas Gardiner, Med. 1, fs S.B., 1937, Davidson Coll.	Taylorsville
Tick, Seymour Simon, G. C. 2, fws	Walden, N. Y.
Tillery, Junius Wynne, A-Sci. 3, f; C. 3, ws	Halifax
Tillett, Benjamine Wyche, G. C. 1, fws	Timberlake
Tillett, Margaret Stanford, L. S., fws A.B., 1935, The Woman's Coll. of U. N. C.	Durham
Tilley, Thomas Marshall, G. C. 1, fws	Bahama
Timberlake, Claude Vernon, Jr., Ph. 3, fws	Youngsville
Tindel, Rosalyn, A-Sci. 3, fws	Graceville, Fla.
Tinsley, Anne Lancaster, A-Sci. 4, fws	Spartanburg, S. C.
Tinsley, Elizabeth Gretter, A-Sci. 4, fws	Greensboro
Tomlinson, Lawrence Archdale, Jr., G. C. 1, fws	Durham
Tomlinson, Leslie Daniel, Jr., G. C. 1, fws	Black Creek
Toms, Bate, Jr., G. C. 2, fws	Salisbury
Toms, Paul Bernhardt, G. C. 1, fws	Salisbury
*Toon, Edward Manly, Jr., Law 1, fs	Whiteville
Topkins, Matthew, C. 3, fw	Brooklyn, N. Y.
Topping, Ira Jerome, G. C. 2, fws	Brooklyn, N. Y.
Torrey, Donald Fuller, Jr., G. C. 1, fws	Narberth, Penna.
Totten, John Osborn, G. C. 1, ws	Paterson, N. J.

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*Killed in automobile accident, June 2, 1938.

Townsend, Montgomery Odell, G. C. 2, fws	Albemarle
Toy, James Henry, G. C. 1, fws	Waynesville
Tracy, Joseph Robert, C. 3, fws	Montclair, N. J.
Trainer, Edward, Jr., G. C. 2, fws	Mt. Airy
Trexler, Elmer, G. C. 1, f	Lexington
Trimpey, John Surrey, A-Sci. 4, w	Somerset, Penna.
Tripp, Gladys Best, A-Sci. 3, fws	Ayden
Trotman, Herbert Holland, G. C. 2, f; A-Sci. 3, ws	Churchland, Va.
Trotman, John Franklin, G. C. 2, fw	Winston-Salem
Trotter, Pinkney Lawson, Jr., Ph. 1, fws	Pilot Mountain
Troutman, Drewry Eugene, G. C. 2, fws	Addor
Troutman, Paul Greenwood, C. 4, w	Addor
Truex, Henry Alan, C. 3, fws	Verona, N. J.
Truitt, Virgil, Jr., G. C. 2, fws	Reidsville
Tucker, Garland Scott, G. C. 1, fws	Raleigh
Tucker, Harry Hamilton, A-Sci. 4, fws	Pageland, S. C.
Tucker, Maria Washington, A-Sci. 4, fws	Raleigh
Tufts, Albert Sise, A-Sci. spec., ws	Pinehurst
Tunick, Frederick Lionel, A-Sci. 3, fws	Brooklyn, N. Y
Tunnell, Linwood Jones, C. 3, fws	Swan Quarter
Tunstall, Joseph Peyton, Ph. 3, fws	Belhaven
Turlington, Winford Holmes, A-Sci. 3, fws	Clinton
Turner, Ben Frye, G. C. 2, fws	Charlotte
Turner, Eugene Alfred, Jr., A-Sci. 3, fws	Tryon
Turner, Frank Lucius, G. C. 2, fws	Tryon
Turner, Lawson Withers, G. C. 2, fws	Lynchburg, Va.
Turner, Luther Wilson, G. C. 1, fws	Erwin
Turteltaub, Morton Lawrence, G. C. 1, fws	Brooklyn, N. Y.
Tyler, John Edward, G. C. 1, fws	Roxobel
Tynan, John Carroll, G. C. 2, fw	Torrington, Conn.
Tyndall, Harvey Blair, C. 3, fws	Kinston
Tyree, Oscar Leak, Law 2, fs S.B., 1937	Winston-Salem
Ullman, Fred Earnest, M. E. 4, fws	Highland Park, Ill.
Umstead, Alexander Bruce, C. 4, fws	Durham
Umstead, Douglas Randolph, C. 3, fws	Durham
Umstead, John Wesley III, A-Sci. 4, fws	Chapel Hill
Underwood, Hamilton Polk, Jr., Ph. 1, fws	Fayetteville
Upchurch, Silas Gibbs, G. C. 2, f	Durham
Upton, Wingate Boushall, C. 3, fws	Belcross
Urban, Adolph Joseph, G. C. 1, s	Newark, N. J.
Urquhart, Richard Alexander, Jr., C. 3, fws	Lewiston
Utley, Alton Judd, G. C. 2, fws	Chapel Hill
Utley, Marvin Bright, Jr., C. 3, fws	Chapel Hill
Valentine, Melton Ernest, A-Sci. 4, fws	Colerain
Vance, Thomas Huske, G. C. 1, fws	Winston-Salem
VanCise, Stanley Howard, C. 3, fws	Summit, N. J.
VanHecke, James Maurice, A-Sci. 4, fws	Chapel Hill

VanKirk, James David, G. C. 2, fws	Larchmont, N. Y.
Vann, Earl Stanford, C. 3, fws	Murfreesboro
VanSchoick, Chester Bruce, G. C. 1, fws	New Hyde Park, N. Y.
Varley, Robert, C. spec., f S.B., 1937	Haw River
Vaughan, Dewitt Talmage, Jr., G. C. 2, fws	Greensboro
Vaughan, Henry Guy, P. H., f	Ashland, Va.
Veazey, Hubert Larence, G. C. 1, fws	Creedmoor
Vercoe, Alene Leslie, A-Sci. 3, fws	Florida City, Fla.
Verner, James Melton, Law 3, fs A.B., 1936	Asheville
Vernon, Reba, A-Sci. spec., s	Ruffin
Vernon, William Abdon, Jr., G. C. 2, fws	Leaksville
Vick, John Council, G. C. 2, fws	Sanford
Vickers, Claude Wallace, C. 4, fws	Durham
Vickers, Lewis Donald, G. C. 2, fws	Chapel Hill
Vilbrandt, Charles Frank, A-Sci. 3, fws	Blacksburg, Va.
Vincent, Edwin George, G. C. 2, fs	Rochester, N. Y.
Vincent, John Fletcher, G. C. 2, fws	Roanoke Rapids
Vincent, Wilson Rodney, A-Sci. 4, fws	New Bern
Vinson, Charles Julian, G. C. 2, fws	Wilson
Vinson, William Bryant, G. C. 2, fws	Goldsboro
Vitriol, Jerome Irwin, G. C. 2, fws	Flushing, N. Y.
Vogel, Morton David, G. C. 1, ws	Jamaica, N. Y.
Vogler, William Neilson, G. C. 1, fws	Winston-Salem
VonBeckerath, Guelda Elliott, A-Sci. spec., ws	Chapel Hill
VonCanon, Forrest Whitney, Jr., C. 4, fws	West End
Wade, Baxter Francis, P. H., f S.B., 1929	Roxboro
Wade, Edward Lee, C. 4, fws	Draper
Wadsworth, Malcolm Russel, G. C. 1, fw	Parkersburg
Wagner, Walter Charles, G. C. 1, fws	Clinton, Conn.
Wagoner, Milton Lonnie, Jr., A-Sci. 4, fws	Reidsville
Wagstaff, Henry McGilbert, Jr., M. E. 4, fws	Chapel Hill
Wahrenberger, Elizabeth, A-Sci. 3, fws	Conroe, Texas
Wakeley, Frank Hart, C. 3, fws	South Orange, N. J.
Wakeley, William Easton, A-Sci. 4, fws	South Orange, N. J.
Wales, Charles Paddock, Jr., C. 3, fws	Edenton
Walker, Dorothy Louise, A-Sci. 3, fws	Ahoskie
Walker, Elizabeth Jean, A-Sci. 4, fws	Rocky Mount
Walker, Hal Hammer, A-Sci. 4, f	Asheboro
Walker, Lillie Cutlar, A-Sci. spec., ws B.S.I., 1923; Ph.D., 1927	Winston-Salem
Walker, Nicholas Misplee, G. C. 1, fws	Ardmore, Penna.
Walker, Philip Alfred, G. C. 2, fws	Winston-Salem
Walker, Robert Percy, C. spec., fws	Draper
Walker, Stanley R., G. C. 2, fws	Grassy Creek
Walker, Thomas William, G. C. 2, fws	Wilmington
Walker, William James, G. C. 1, fws	Winsted, Conn.

Walker, William Kennedy, G. C. 2, f	Asheville
Wall, George Ritchie, Med. 2, fws S.B., 1937	Siler City
Wall, Walter Ashe, G. C. 2, fws	Siler City
Wall, William Leonard, G. C. 1, ws	Siler City
Wallace, Fitzhugh Ellsworth, G. C. 2, fws	Kinston
Wallace, John Adams, G. C. 2, fws	Savannah, Ga.
Wallace, Mack, Med. 2, fws A.B., 1935	Buie's Creek
Wallach, Paul, G. C. 2, fws	Schenectady, N. Y.
Walter, William Boger, G. C. 1, fws	Concord
Walters, Elinor Lee, L. S., fws A.B., 1936, Roanoke Coll.	Salem, Va.
Walters, Ingram Purefoy, G. C. 1, f	Bladenboro
Walton, Clarence Wilson, A-Sci. 3, fw	Monroe
Ward, Donald Clifton, G. C. 2, fws	Weldon
Ward, Joseph Herman, C. 4, fws	Hertford
Ward, Lochlin Monroe, C. 4, fws	Willard
Ward, Thomas Marsh, A-Sci. 3, fws	Ocean Grove, N. J.
Ward, Wade Fitzgerald, G. C. 1, fws	Greenville, S. C.
Wardlaw, James Langdon, Jr., Med. 1, fs	Cristobal, Canal Zone
Warren, Elmer Charles, G. C. 2, fws	High Point
Warren, Julien Knox, Jr., Law 1, fs A.B., 1937	Trenton
Warren, Junius Campbell, Jr., Ph. 1, f	Benson
Warren, Lovett Aldin, Jr., Ph. 3, fws	Garland
Warren, Roy Cooper, G. C. 2, fw	Clinton
Warren, Stewart Bethune, Law 2, fs A.B., 1937	Newton Grove
Warshaw, Harold, G. C. 1, fws	Brookline, Mass.
Waters, Perry Vivian, Ph. 4, fws	Mooresville
Watkins, Carlton Gunter, G. C. 2, fws	Wilmington
Watkins, Cutler, G. C. 2, fws	Greensboro
Watkins, Julian Carter, Ph. 1, fws	Emporia, Va.
Watkins, Richard Wright, G. C. 1, fws	Indian Springs, Ga.
Watson, Bessie Gay, L. S., fws A.B., 1928, Randolph-Macon Woman's Coll.	Greensboro
Watson, Earle Harris, A-Sci. 4, fws	Henderson
Watson, Edwin Robeson, P. H., f S.B., 1929, Furman Univ.; M.D., 1933, Medical Coll. of S. C.	Atlanta, Ga.
Watson, George David, G. C. 2, f; C. 3, ws	Norwood, Penna.
Watson, George William, G. C. 1, fws	Narberth, Penna.
Watson, Lucy McIver, A-Sci. 4, w	Greenville, S. C.
Watson, Robert Neal, Ph. 4, fws	Jonesboro
Waugh, William Harris Howell, E. E. 4, fws	North Wilkesboro
Waynick, Menter Howard, Jr., A-Sci. 3, fws	Greensboro
Weaver, Charles Clark, C. 3, fws	Asheville
Weaver, Elizabeth Milton, Ph. 2, fws	Chapel Hill
Weaver, Leonard Grean, C. 4, fws	Holly Springs
Weaver, Maxcy Crosby, G. C. 1, fs	Chapel Hill
Weaver, William Rhodes, A-Sci. 3, s	Chapel Hill

Webb, Allan Wright, G. C. 1, fws	Harrison, N. Y.
Webb, Henry Gorham, C. 4, fws	Oxford
Webb, William Henry, G. C. 2, fws	Harrison, N. Y.
Weber, Herbert, G. C. 1, fws	Hillside, N. J.
Webster, Goley, G. C. 1, fws	Graham
Webster, Harry Swain, P. H., f S.B., North Carolina State Coll.	Boone
Weeks, Micajah Mattocks, G. C. 2, fw	New Bern
Weil, William Raul, G. C. 2, fws	Greenville, Miss.
Weinberg, Henry, G. C. 1, ws	Roxbury, Mass.
Weinberger, Robert, C. 3, fws	Brooklyn, N. Y.
Weinstein, Ephraim, C. 4, fws	Reidsville
Weintraub, Herman Harvey, G. C. 2, fws	New York, N. Y.
Weiss, Arthur Emanuel, G. C, 1, fws	Brooklyn, N. Y.
Weiss, Harold, G. C. 2, fws	Jamaica, N. Y.
Weiss, Jacob Lewis, G. C. 1, fws	Clifton, N. J.
Weiss, Murray Herbert, G. C. 2, fw	Yonkers, N. Y.
Welborn, Joseph Alson, G. C. 1, fws	High Point
Welfare, Douglas Sharp, C. 3, fws	Winston-Salem
Wellons, Elmer James, Jr., Law 1, fs	Smithfield
Wells, Alton Wright, G. C. 1, fws	Rocky Mount
Wells, John Jackson, C. 4, fws	Rocky Mount
Wells, Richard Alonzo, G. C. 1, fws	Shelby
Wells, Robert Wilson, A-Sci. 3, fws	Asheville
Wertz, Joe Linn, A-Sci. 3, fws	Landis
Wesson, Roy Denton, A-Sci. 4, fws	Claremont
West, Robert Marshall, G. C. 1, ws	Salisbury
Wharton, James Leslie, Jr., C. 3, fws	Goldsboro
Wheat, Roberdeau III, G. C. 2, fws	Erlanger
Wheatly, Claud Roberson, Jr., A-Sci. 3, fws	Beaufort
Whedbee, James Carson, G. C. 2, f	Benson
Wheeler, Hubert Brooks, G. C. 1, fws	Upper Montclair, N. J.
Wheeler, Raymond Milner, G. C. 2, fws	Sanford
Wheless, John Ruffin, A-Sci. 3, fws	Spring Hope
Whichard, Murray Parmer, P. H., s M.D., 1910, Univ. of Maryland	Edenton
Whicker, Joseph Hubert, Jr., Law 3, fs	North Wilkesboro
Whisnant, Robert Adam, C. 3, f	Iron Station
White, Algird Francis, Med. 2, fws	Brooklyn, N. Y.
White, Charles Edgar, A-Sci. 4, fws	Hertford
White, Henry Sheldon, C. 4, fws	Chapel Hill
White, James Bruce, P. H., f A.B., Wake Forest Coll.; M.D., Emory Univ.	Atlanta, Ga.
White, Richard Street III, G. C. 2, fws	Elizabethtown
White, William Carlton, A-Sci. 3, fws	Chatham, Va.
Whitehead, Jefferson Davis III, Ph. 1, f	Enfield
Whiteley, Iley Chester, Ph. 4, fws	Morganton
Whitfield, Nathan Patrick, G. C. 2, fws	Mackeys
Whitford, Bryan Henry, Jr., Ph. 2, ws	Washington

Whitley, Daniel P., Jr., A-Sci. 4, fws	High Point
Whitley, Robert Ward, A-Sci. 4, fws	Raeford
Whitley, William White, A-Sci. 3, fws	Burlington
Whitmore, Claire DeLano, A-Sci. 3, fws	New Rochelle, N. Y.
Whyte, Stanley Sheldon, G. C. 2, fws	Brooklyn, N. Y.
Wienges, Frederic Louis, Jr., P. H., s	St. Matthews, S. C.
Wiggins, Lee Manning, G. C. 1, fws	Hartsville, S. C.
Wilburn, James Melvin, C. 4, f	Lillington
Wildey, Jack Harold, A-Sci. 4, fws	Asheville
Wildman, John Henry, P. H., s A.B., 1928, Davidson Coll.	Parmele
Wildman, Raymond Joseph, C. 3, fws	Parmele
Wilds, Robert Henry, Jr., G. C. 1, ws	Aiken, S. C.
Wilk, Seymour, G. C. 2, fws	Stamford, Conn.
Wilkerson, Charles Baynes, Jr., G. C. 2, fws	Raleigh
Wilkes, James Robert, G. C. 1, fws	Laurinburg
Wilkins, Charles Stewart, G. C. 1, fws	Greensboro
Wilkins, Louis George, C. 3, fws	Edenton
Wilkins, Robert Sherwood, C. 3, ws	Wilson
Wilkins, William Shelton, G. C. 2, fws	Mt. Olive
Wilkinson, George Alexander, G. C. 2, fws	Rocky Mount
Wilkinson, George Lantz, G. C. 1, fws	Newton
Wilkinson, Harry Eugene, Jr., C. 4, fw	Charlotte
Willard, Samuel Bayley, Med. 1, fs A.B., 1937	Doylestown, Penna.
Williams, Audrey Lillian, A-Sci. 4, fws	Chapel Hill
Williams, Eugene Bomberger, G. C. 1, fws	Winston-Salem
Williams, Franklin Simmons, A-Sci. 3, fws	Polloksville
Williams, George Melvin, C. 3, fws	Elizabeth City
Williams, George Thomas, A-Sci. 3, ws	Clinton
Williams, George Woodfin III, G. C. 1, fws	Mount Olive
Williams, Howard Taft, A-Sci. spec., fw	Eagle Springs
Williams, Jabez Hearing, P. H., f S.B., 1918, Wake Forest Coll.; M.D., 1920, Jefferson Medical Coll.	Clinton
Williams, Jacob Meyer, Ch. E. 4, fws	Hendersonville
Williams, James Edward, Jr., G. C. 2, fws	Burlington
Williams, J. R., (Mrs.) A-Sci. spec., w	Prospect Hill
Williams, Kenan Banks, G. C. 1, fws	Sanford
Williams, Lafayette, Law 1, fs	Yadkinville
Williams, Lewis James, G. C. spec., ws	Lewisville
Williams, Marian Blanche, A-Sci. 3, fs	Asheville
Williams, Martin Hildred, Ph. 2, fws	Lexington
Williams, Ralph Bertram, Jr., G. C. 2, fws	Wilmington
Williams, Robert Ransom, Jr., Law 2, fs A.B., 1937	Asheville
Williams, Ray Wyatt, G. C. 2, ws	Winston-Salem
Williams, Swanna K., A-Sci. spec., fw	Hemp
Williams, William Joyner, G. C. 1, fws	Farmville
Williams, Woodburn Carlyle, A-Sci. 4, fws	Swan Quarter

Williams, Woodrow Wade, A-Sci. 3, fws	Asheville
Williamson, Edgar Allen, C. 3, fws	Durham
Williamson, Oliver Wayne, G. C. 2, fws	Wilmington
Williamson, Virginia LeMay, L. S., fws A.B., 1930, Randolph-Macon Woman's Coll.	Smithfield
Williamson, Wilbur Munroe, G. C. 2, fw	Laurinburg
Williford, Wade Hampton, A-Sci. 3, fws	Gastonia
Willingham, Benjamin Joseph, E. E. 4, fws	Wilmington
Willingham, Edward Glenn, E. E. 4, fws	Wilmington
Willis, George Thomas, G. C. 1, fws	New Bern
Willis, James Perry, G. C. 2, fws	Winston-Salem
Willis, Thomas Grace, Jr., C. 3, fws	Washington
Willis, Thomas Jenkins, G. C. 2, fw; C. 3, s	Daytona Beach, Fla.
Willner, Milton Smith, A-Sci. 4, fws	Brooklyn, N. Y.
Willoughby, Inez, Med. 1, f S.B., 1935, Chowan Coll.	Ahoskie
Wills, Harry Allen, G. C. 1, fws	Babylon, N. Y.
Wilson, George Wayland, C. 4, fws	Newton Grove
Wilson, Hofmann, G. C. 2, f	Baltimore, Md.
Wilson, Hunter, G. C. 2, fws	Rome, Ga.
Wilson, John Allison, G. C. 1, f	Louisburg
Wilson, John Kenyon, Jr., G. C. 2, fws	Elizabeth City
Wilson, Joseph Woodrow, G. C. 2, fws	Chapel Hill
Wilson, Peter Thomas, Jr., C. 3, fws	Winston-Salem
Wilson, Woodrow David, A-Sci. 4, fws	Hemp
Winborne, John Wallace, Jr., C. 3, fws	Raleigh
Winborne, Vaughan Sharp, C. 3, fws	Raleigh
Windecker, George Henry, Ph. 1, fws	Ridgefield Park, N. J.
Winkler, Bertram Monroe, A-Sci. 4, fws	Williams Bridge, N. Y.
Winkler, Harry, G. C. 1, fws	Charlotte
Winn, Henry John, Med. 1, fs S.B., 1937, The Citadel	Greenville, S. C.
Winslow, Edward Cyrus, Jr., C. 3, ws	Tarboro
Winstead, Edwin Godley, G. C. 2, fws	Pinetown
Winstead, Fletcher Merritt, G. C. 1, fws	Roxboro
Winstead, John Sidney, G. C. 1, fws	Macclesfield
Winstead, William Alonzo, G. C. 2, fws	Rocky Mount
Winters, Elsa Smedes, A-Sci. 3, fws	Raleigh
Winters, Jerome Lester, C. 4, fws	Rockaway Park, N. Y.
Wise, Herbert B., P. H., s	Charleston, West Va.
Wishney, David, A-Sci. 4, fws	New York, N. Y.
Withrow, Charles Kenyon, A-Sci. 4, fw	Hollis
Witt, Raymond Buckner, Jr., Law 2, fs A.B., 1936, Univ. of Chattanooga	Chattanooga, Tenn.
Witten, Charles Henry, A-Sci. 4, fws	New York, N. Y.
Witten, Eugene Roy, G. C. 1, fws	New York, N. Y.
Wolf, Herbert, G. C. 2, fws	New Britain, Conn.
Wolfe, C. C., G. C. 1, fws	Elkin
Wolfe, Eugene Paul, A-Sci. 4, fws	Elkin

Woltz, John Henry Early, A-Sci. 4, fws	Raleigh
Womble, George Irvin, G. C. 1, f	Rocky Mount
Womble, James Jackson, G. C. 1, fws	Goldston
Womble, William Marion, Ph. 1, f	Pittsboro
Wood, Charles Edward III, G. C. 2, fws	Winston-Salem
Wood, Gorden Enoch, G. C. 1, fws	Sandy Ridge
Wood, James Edward, G. C. 1, f	Holly Springs
Wood, James Frederick, Jr., G. C. 2, fws	Monroe
Woodall, Will Eric, G. C. 1, fws	Benson
Woodard, Barney Paul, Ph. 4, ws	Princeton
Woodard, Benjamin B., G. C, 2, w	Rocky Mount
Woodard, Ernest V., Jr., G. C. 2, fw	Selma
Woodhouse, Noel Robert Seymour, G. C. 1, fws	Chapel Hill
Woodman, Edward, G. C. 1, fws	New Haven, Conn.
Woodruff, Alma Ruth, A-Sci. spec., w	Greensboro
Woods, Phillip Hugh, M. E. 4, fws	Hillsboro
Woodson, James Leake, A-Sci. 3, fws	Salisbury
Woodward, Robinson, G. C. 2, f	Red Bank, N. J.
Woollen, Wescott Roberson, G. C. 1, fws	Chapel Hill
Wooten, Cecil William, G. C. 2, fw	Kinston
Wooten, Harry Cobb, C. 4, fws	Kinston
Wooten, Vanda Davis, A-Sci. spec., w	Marshall
Worley, Bland Wallace, Jr., C. 4, fws	Kinston
Worley, Richard Campbell, G. C. 2, fws	Asheville
Worth, Colvin McAlister, G. C. 2, fws	Raleigh
Worth, William Holladay, C. 3, fws	Raleigh
Wray, Carolyn Lamar, L. S., fws A.B., 1934, Meredith Coll.	Gastonia
Wray, Walter Harriel, G. C. 2, fws	Hickory
Wrenn, Elmer Alexander, C. 4, fws	Greensboro
Wrenn, Franklin LaFayette, C. 4, f	Siler City
Wrey, William James, G. C. 2, fws	Bronx, N. Y.
Wright, Charlotte Lane, A-Sci. 4, f	Raleigh
Wright, David Bryan, G. C. 2, f	Ingold
Wright, Edgar Cameron, Jr., G. C. 1, fws	Ruffin
Wright, Henry, A-Sci. 4, fws	Ingold
Wright, James Irby, A-Sci. 4, f	Chapel Hill
Wright, James Rhodes, Med. 2, fws A.B., 1937	Raleigh
Wright, Latane Potter, Ph. 1, fws	Chapel Hill
Wright, Richard Stanley, G. C. 2, fws	Chapel Hill
Wright, Samuel, A-Sci. 3, fws	Lawndale
Wright, Thomas Archibald, Jr., G. C. 1, fws	Plainfield, N. J.
Wright, Thomas Henry, Jr., G. C. 1, fws	Wilmington
Wright, Vincent Brown, Jr., G. C. 1, fws	Fayetteville
Wurreschke, David Gustave, G. C. 1, fws	Winston-Salem
Wyche, Benjamin III, Law 2, fs A.B., 1937	Charlotte
Yandell, Robert Alexander, Ph. 1, f	Pineville

Yarborough, Tempe Gee, L. S., fws A.B., 1937	Louisburg
Yarrow, Andrew Henry, A-Sci. 4, fws	Asheville
Yeates, Rutherford Nance, C. 3, fws	Birmingham, Ala.
Yeatman, Harry Clay, A-Sci. 3, fws	Columbia, Tenn.
Yelton, Ernest Hugh, G. C. 2, fws	Rutherfordton
Yelverton, John Thomas, G. C. 1, fws	Fremont
Yeomans, John Dawson, C. 4, fws	Washington, D. C.
Yokeley, Jacob Loyd, A-Sci. 3, fws	Winston-Salem
York, William Edward, G. C. 1, fws	Harmony
Young, Carl, G. C. 2, fws	Angier
Young, Dolph Moore, Jr., G. C. 2, fws	Charlotte
Young, George Lewis, Law 1, fs	Durham
Young, Homer Clifton, G. C. 2, fws	Lexington
Young, Joseph Rutledge, Law 1, fs	Charleston, S. C
Yount, Ernest Harshaw, Jr., G. C. 2, fws	Newton
Yount, Marshall Vivian, Law 1, fs	Hickory
Yudell, Milton Harry, Med. 1, fs A.B., 1937	Bronx, N. Y.
Zauber, Milton Hersh, Jr., G. C. 1, fws	Greensboro
Zaytoun, Joseph Ellis, G. C. 1, ws	New Bern
Zealy, James McKee, G. C. 1, fws	Goldsboro
Ziady, Alexander James, C. 3, fws	Smithfield
Ziegler, Arthur William, A-Sci. 3, fws	Mount Airy
Ziman, Victor, A-Sci. 4, f	New York, N. Y.
Zimmerman, Frank Coxe, G. C. 2, fw	Asheville
Zink, George Eno, G. C. 2, fws	Ballard Vale, Mass.
Zuckerman, Edward, G. C. 2, fws	Brooklyn, N. Y.
Zuckerman, Irwin Arthur, G. C. 1, fws	Far Rockaway, N. Y.

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